



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

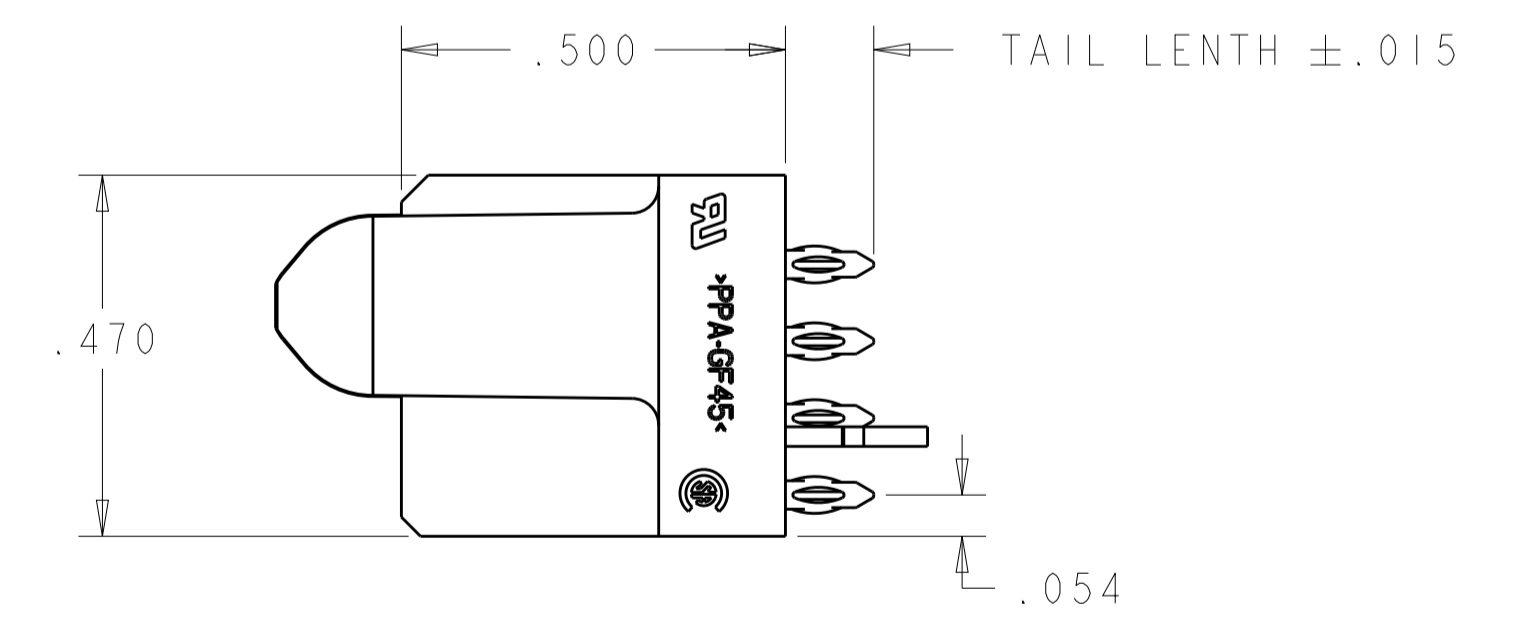
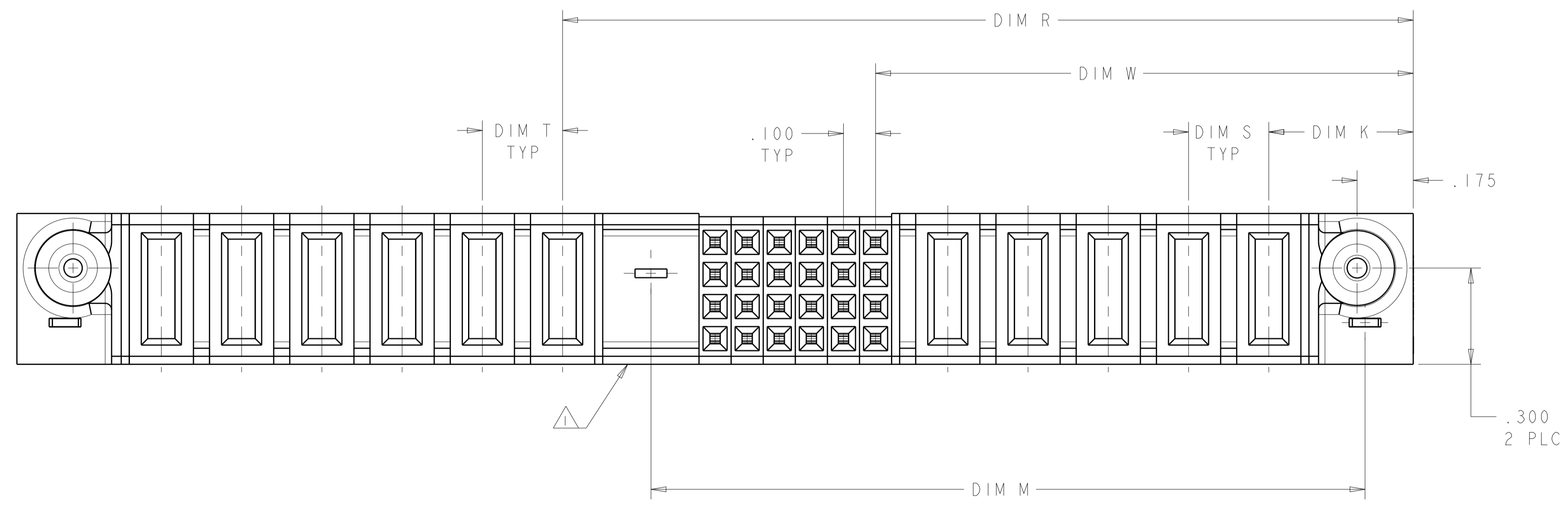
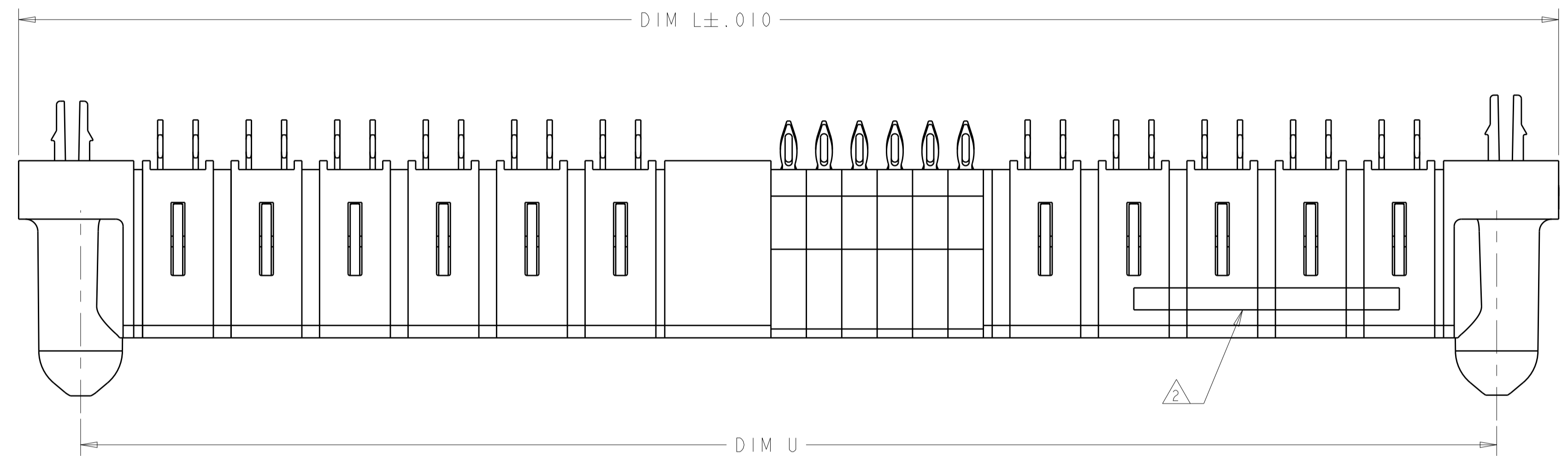
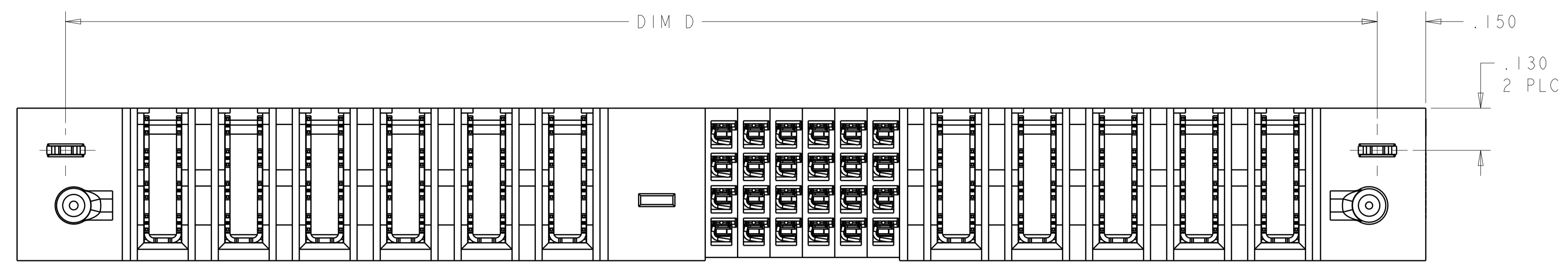
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LOC	DIST	REVISIONS					
		P	LTH	DESCRIPTION	DATE	DMN	APVD
ES	00	K9		REV PER ECR-12-018831	30OCT2012	AY	SZ



- 1 OPTIONAL CENTER MODULE, WITH Ø.150 THRU HOLE OR HOLD DOWN FEATURE
- 2 "AMP", PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN PARTS UNDER 2.00 LONG MAY BE MARKED ON BOTH SIDES
- 3 MATERIAL: HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC, UL94 V-0
SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY
- 4 CONTACT PLATING: NOBLE METAL PLATING ON CONTACT FUNCTIONAL AREA OF POWER CONTACTS AND SIGNAL CONTACTS.
- 5 MECHANICAL CONNECTOR KEEP OUT ZONE
- 6 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 7 PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES
- 8 PCB - 0.0453 ±.0010 DRILLED HOLES PLATED WITH .0003 MIN Sn OVER .001 TO .003 Cu PLATING TO ACHIEVE A .040 HOLE
- 9 VARIABLE DIMENSION SHOWN VIEW (SHEET 6)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN R. GRZYBOWSKI CHK M. PERCHERKE APVD M. PERCHERKE	29APR05 29APR05	TE Connectivity VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-1973 APPLICATION SPEC 114-13038	NAME CAGE CODE DRAWING NO A100779C=6450540	
 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.7°	FINISH 3 4	RESTRICTED TO	SCALE 2:1 SHEET 1 OF 19 REV K9	

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LOC		DIST		REVISIONS			
ES	00	P	LTN	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1	-	-	-

D	U	T	S	R	W	M	L	K	DESCRIPTION	PART NUMBER
1.350	1.300	-	-	1.200	.625	-	1.650	.450	1P + 20S + 1P	6-6450540-6
2.550	2.500	.250	.250	1.650	1.375	-	2.85	.450	4P + 8S + 4P	6-6450540-5
1.350	1.300	-	-	1.200	.625	-	1.650	.450	1P + 20S + 1P	6-6450540-2
-	3.300	.200	.200	2.200	1.625	-	3.650	.450	6P + 20S + 6P	6-6450540-1
2.950	2.900	.250	.250	2.050	1.375	-	3.250	.450	4P + 24S + 4P	6-6450540-0
2.050	2.000	.250	.250	1.650	.925	-	2.350	.450	2P + 24S + 2P	5-6450540-9
2.050	2.000	.250	.250	1.400	1.125	-	2.350	.450	3P + 8S + 3P	5-6450540-5
2.500	2.450	.250	.250	1.850	1.375	-	2.800	.450	4P + 16S + 3P	5-6450540-4
2.950	2.900	.250	.250	2.050	1.375	-	3.250	.450	4P + 24S + 4P	5-6450540-3
1.350	1.300	-	-	1.200	.675	-	1.650	.450	1P + 16S + 1P	5-6450540-2
1.750	1.700	.250	.250	1.350	.875	-	2.050	.450	2P + 16S + 2P	5-6450540-1
5.950	5.900	.250	.250	3.550	2.8750	-	6.250	.450	10P + 24S + 10P	5-6450540-0
5.150	5.100	.250	.250	3.250	2.375	-	5.450	.450	8P + 32S + 8P	4-6450540-9
1.250	1.200	-	-	1.100	.625	-	1.550	.450	1P + 16S + 1P	4-6450540-8
2.150	2.100	.250	.250	1.500	1.175	-	2.450	.450	3P + 8S + 3P	4-6450540-7
1.150	1.100	-	-	1.000	.675	-	1.450	.450	1P + 8S + 1P	4-6450540-6
-	-	-	.200	-	-	-	2.820	.450	12HDP	4-6450540-5
-	-	.200	.200	2.600	1.625	-	3.970	.450	6HDP + 36S + 7HDP	4-6450540-4
2.65	2.60	.250	.250	2.250	1.625	-	2.950	.450	5P + 20S + 2P	(E) 4-6450540-3
-	-	-	.200	-	-	-	2.620	.450	11HDP	(E) 4-6450540-2
-	-	.200	.200	2.600	1.625	-	3.770	.450	6P + 36S + 6P	4-6450540-1
-	-	.200	.200	4.500	3.425	-	7.470	.450	15P + 40S + 15P	4-6450540-0
-	-	.200	.200	-	-	-	7.470	-	15P + 40S + 15P	(D) 3-6450540-9
4.650	4.600	.250	.250	3.250	1.875	-	4.950	.450	6P + 52S + 6P	(D) 2-6450540-7
1.950	1.900	-	-	1.550	.875	-	2.250	.450	2P + 24S + 2P	(D) 2-6450540-5
2.450	2.400	.250	.250	1.800	1.125	-	2.750	.450	3P + 24S + 3P	(D) 2-6450540-0
-	1.575	-	-	1.425	.700	-	1.925	.475	1P + 24S + 1P	(E) 1-6450540-8
-	5.450	\triangle_{10}	\triangle_{10}	3.075	2.425	-	5.800	.425	10P + 24S + 12P	1-6450540-4
3.250	3.200	.200	.200	2.125	1.575	-	3.550	.425	6P + 20S + 6P	1-6450540-2
-	2.850	.250	.250	2.000	1.125	-	3.200	.450	3P + 32S + 4P	1-6450540-1
1.950	1.900	.250	.250	1.550	.875	-	2.250	.450	2P + 24S + 2P	1-6450540-0
-	1.400	.250	.250	1.300	.625	-	1.750	.450	1P + 24S + 1P	6450540-7
-	2.400	.250	.250	2.050	1.375	-	2.750	.450	4P + 24S + 2P	6450540-6
-	3.100	.250	.250	2.000	1.625	-	3.450	.450	5P + 12S + 5P	6450540-5
-	3.400	.250	.250	2.050	1.375	-	3.750	.450	4P + 24S + 6P	6450540-4
-	7.400	.250	.250	5.050	2.875	-	7.750	.450	10P + 84S + 10P	6450540-3
-	4.000	.250	.250	2.650	1.675	2.225	4.350	.450	5P+24S+1M+6P	6450540-2
-	1.575	-	-	1.425	.700	-	1.925	.475	1P + 24S + 1P	6450540-1

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OWN: R. GRZYBOWSKI 29APR05
 CHK: M. PERCHERKE 29APR05
 APVD: M. PERCHERKE

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.002
 ANGLES ±.0020

MATERIAL: FINISH: μP

PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038

WEIGHT: -
 CUSTOMER DRAWING

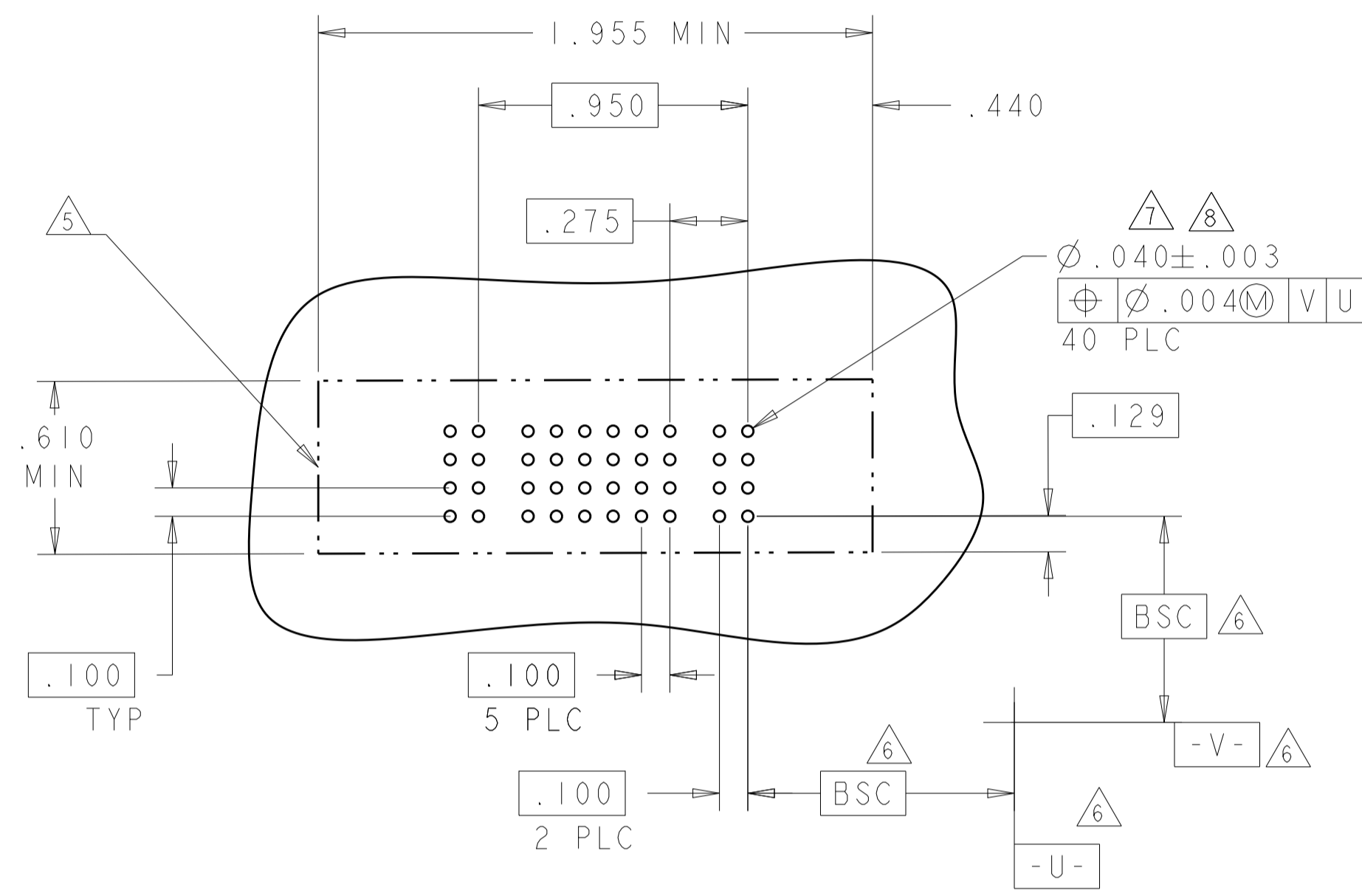
NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 SIZE: A100779
 CAGE CODE: 6450540
 DRAWING NO: 6450540

RESTRICTED TO: -
 SCALE: 2:1 SHEET 2 OF 19 REV: K9

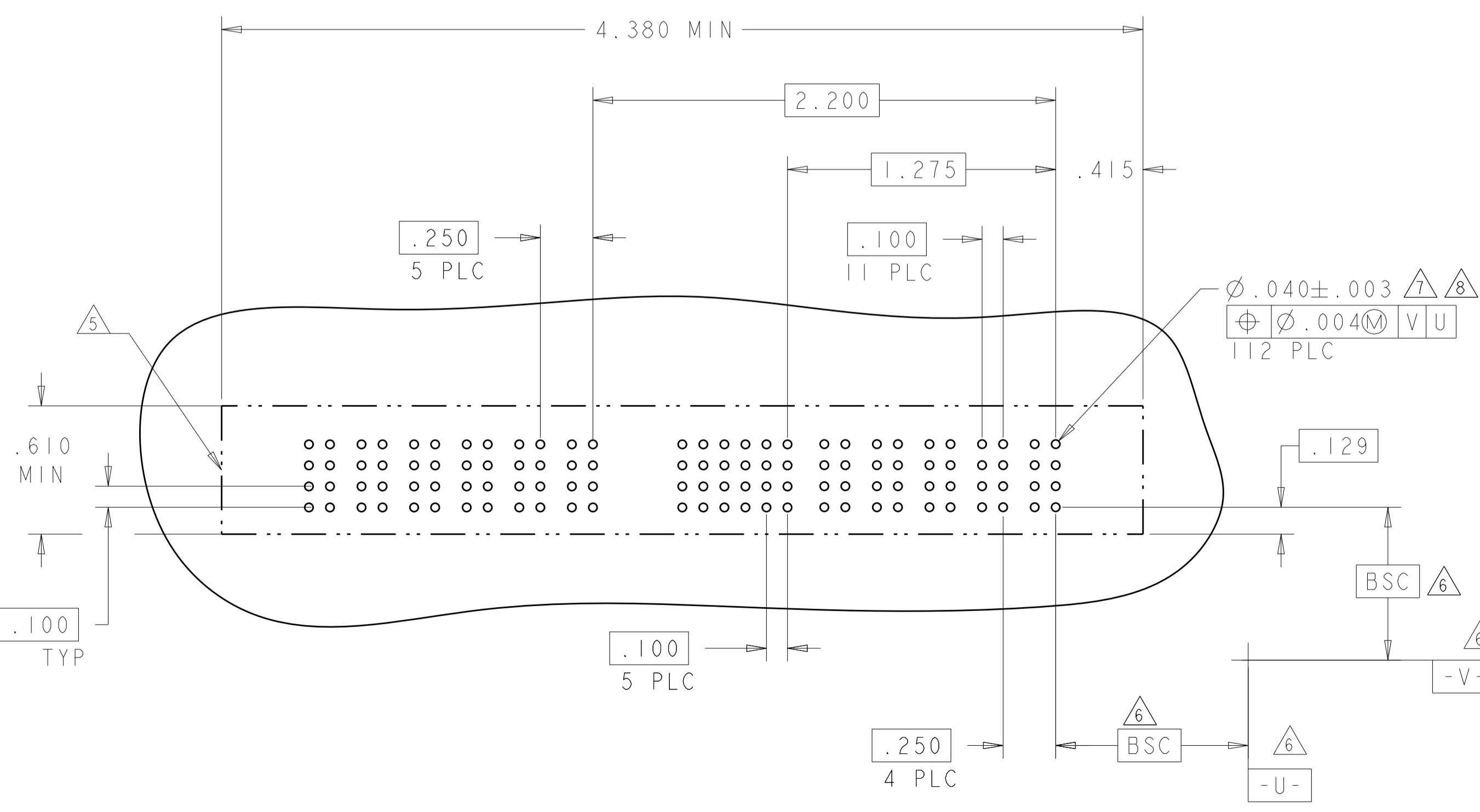
TE Connectivity

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					
DESCRIPTION			DATE	BY	APPV
SEE SHEET 1					

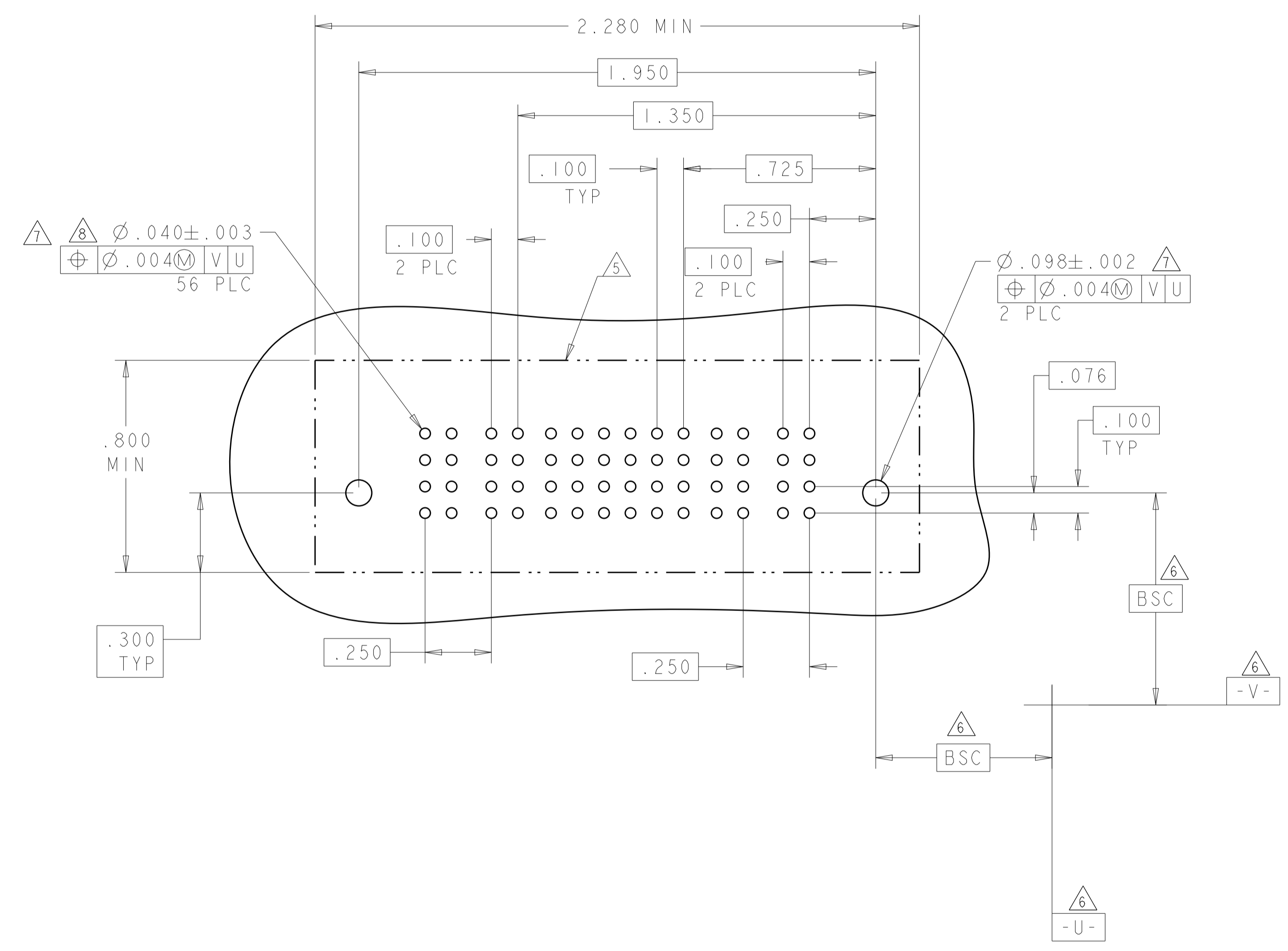
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		P2	6	5	4	3	2	1	PI								
6450540-1	DCBA															GP	GP
IP + 24S + IP																	



PART NUMBER	ROWS	POWER						SIGNAL						POWER						
		PI1	PI0	P9	P8	P7	P6	MI	6	5	4	3	2	1	P5	P4	P3	P2	PI	
6450540-2	DCBA																			
5P + 24S + 1M + 6P																				



PART NUMBER	ROWS	POWER		SIGNAL						POWER			
		P4	P3	6	5	4	3	2	1	P2	PI		
2-6450540-5	DCBA											GP	GP
2P + 24S + 2P													



VS	STD POWER PRESSFIT CONTACT .115 LG
VP	MFBL POWER PRESSFIT CONTACT .115 LG
GS	STD POWER PRESSFIT CONTACT .135 LG
GP	MFBL POWER PRESSFIT CONTACT .135 LG
P	SIGNAL PRESSFIT CONTACT .115 LG
AP	SIGNAL PRESSFIT CONTACT .135 LG
CODE	TAIL LENGTH
CONTACT TABLE	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.005
 ANGLES ±.020

MATERIAL: FINISH:

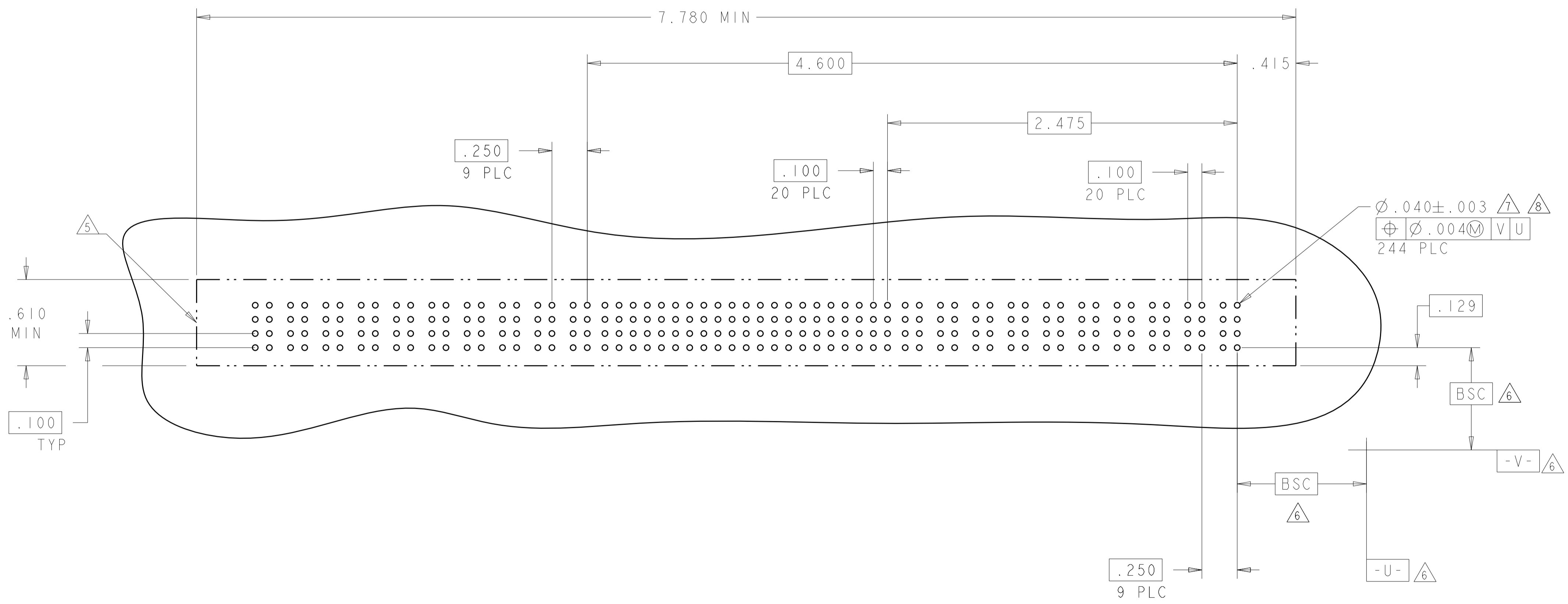
DWG: R. GRZYBOWSKI 29APR05
 CHK: M. PERCHERKE 29APR05
 APVD: M. PERCHERKE
 NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: -
 CUSTOMER DRAWING: -

SIZE: A1
 CAGE CODE: 114-13038
 DRAWING NO: 6450540
 SCALE: 2:1
 SHEET: 3 OF 19
 REV: K9


STE TE Connectivity

LOC	DIST	REVISIONS			
		REV	DATE	BY	APPD
ES	00	-	SEE SHEET 1	-	-

PART NUMBER	ROWS	POWER									SIGNAL																	POWER																	
		P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1			
6450540-3	D C B A	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
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10P + 84S + 10P																																													



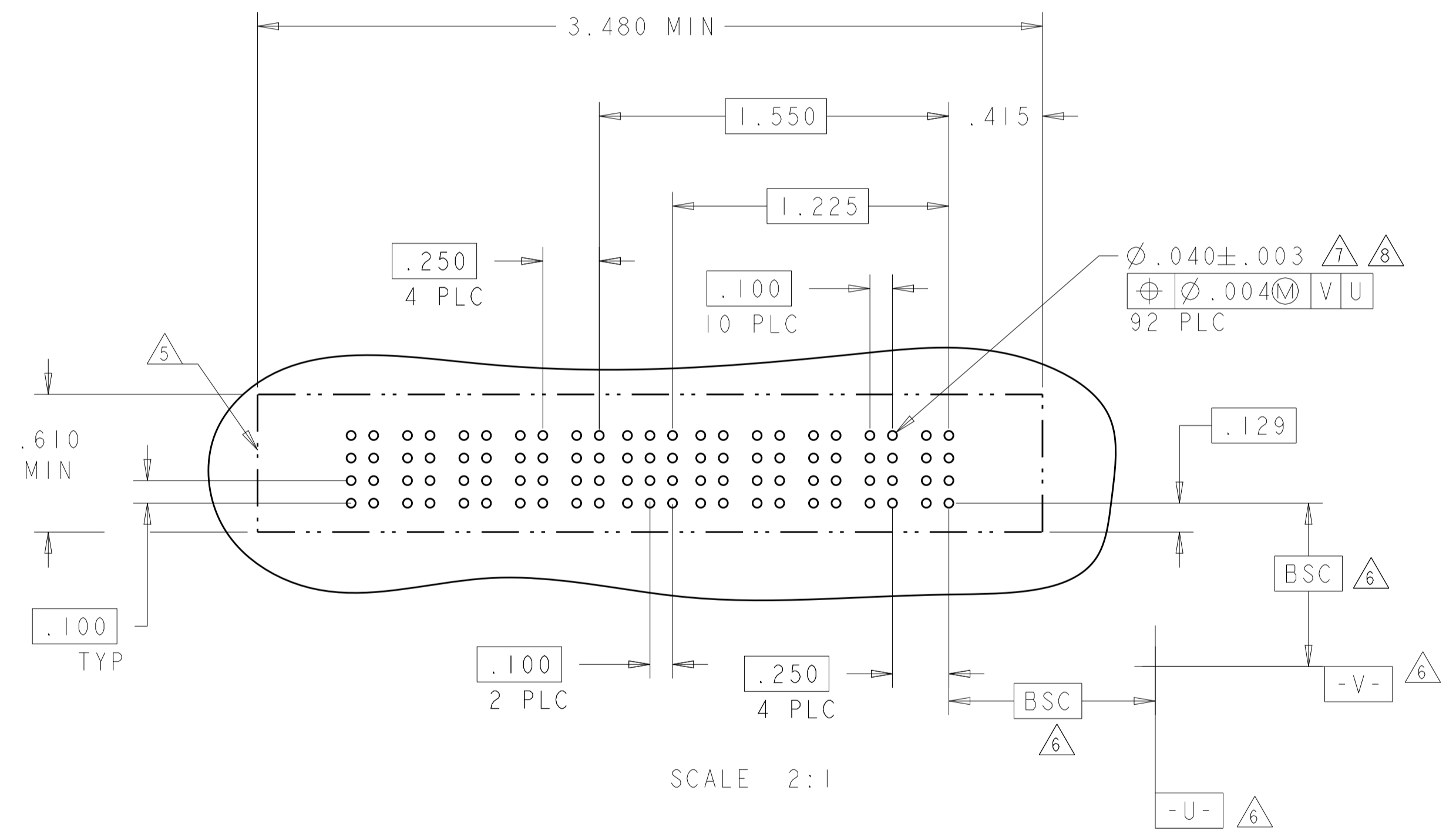
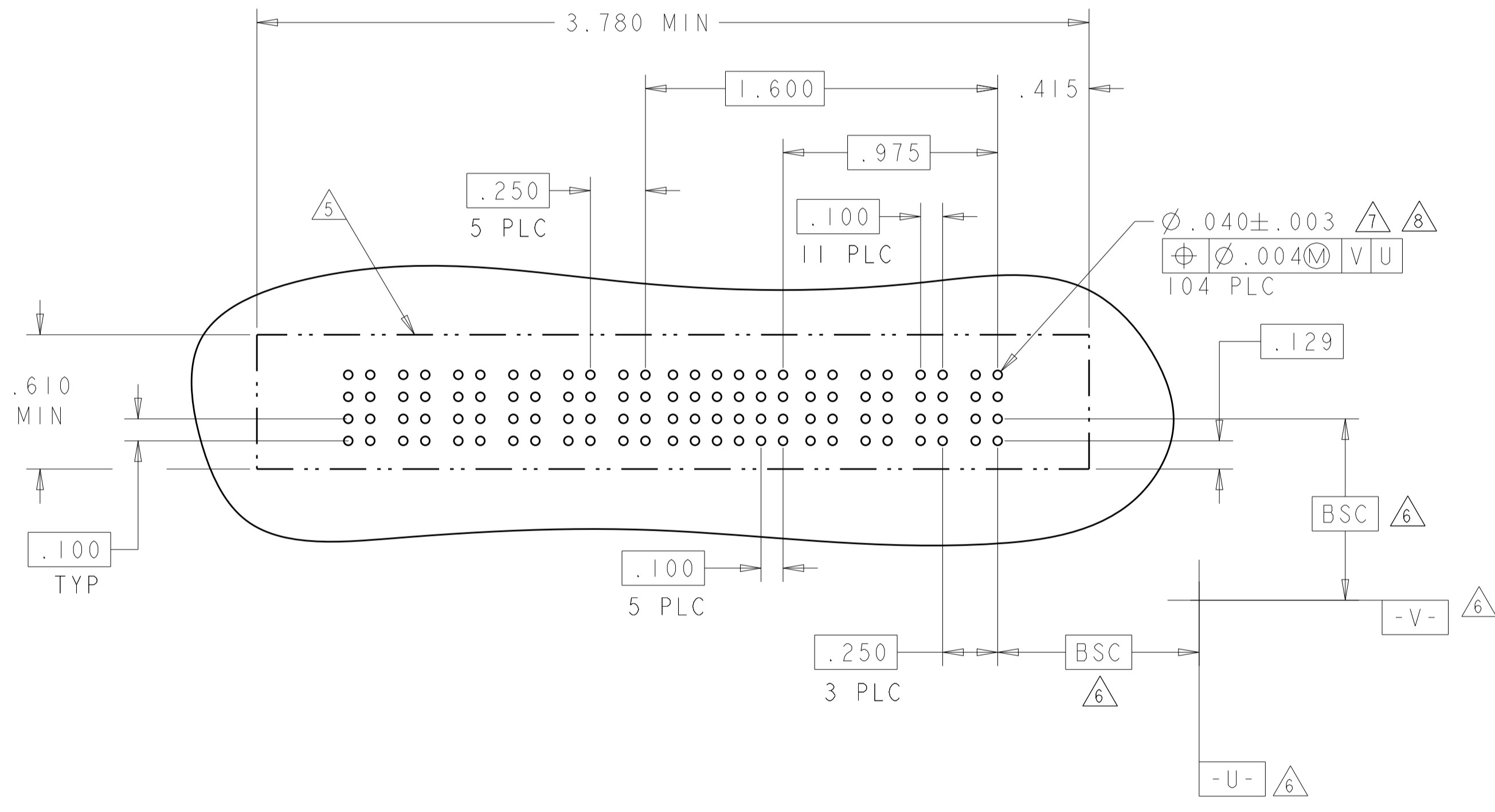
CODE	TAIL LENGTH
HP	MFBL POWER PRESSFIT CONTACT .165 LG
BP	SIGNAL PRESSFIT CONTACT .165 LG
GP	MFBL POWER PRESSFIT CONTACT .135 LG
AP	SIGNAL PRESSFIT CONTACT .135 LG
CONTACT TABLE	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 29APR05
DIMENSIONS: INCHES		CHK M. PERCHERKE 29APR05
		APVD M. PERCHERKE
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.020		NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
MATERIAL		PRODUCT SPEC 108-1973
FINISH		APPLICATION SPEC 114-13038
CUSTOMER DRAWING		WEIGHT -
SCALE 2:1		SIZE CAGE CODE DRAWING NO A100779C=6450540
SHEET 4 OF 19		RESTRICTED TO
REV K9		

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
ES	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL						POWER			
		P10	P9	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
6450540-4	DCBA	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP
4P + 24S + 6P																	

PART NUMBER	ROWS	POWER					SIGNAL			POWER				
		P10	P9	P8	P7	P6	3	2	1	P5	P4	P3	P2	P1
6450540-5	DCBA	GP	GP	GP	GP	GP	AP	AP	AP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	AP	AP	AP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	AP	AP	AP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	AP	AP	AP	GP	GP	GP	GP	GP
5P + 12S + 5P														



GP	MFBL POWER PRESSFIT CONTACT .135 LG
AP	SIGNAL PRESSFIT CONTACT .135 LG
CODE	TAIL LENGTH
CONTACT TABLE	

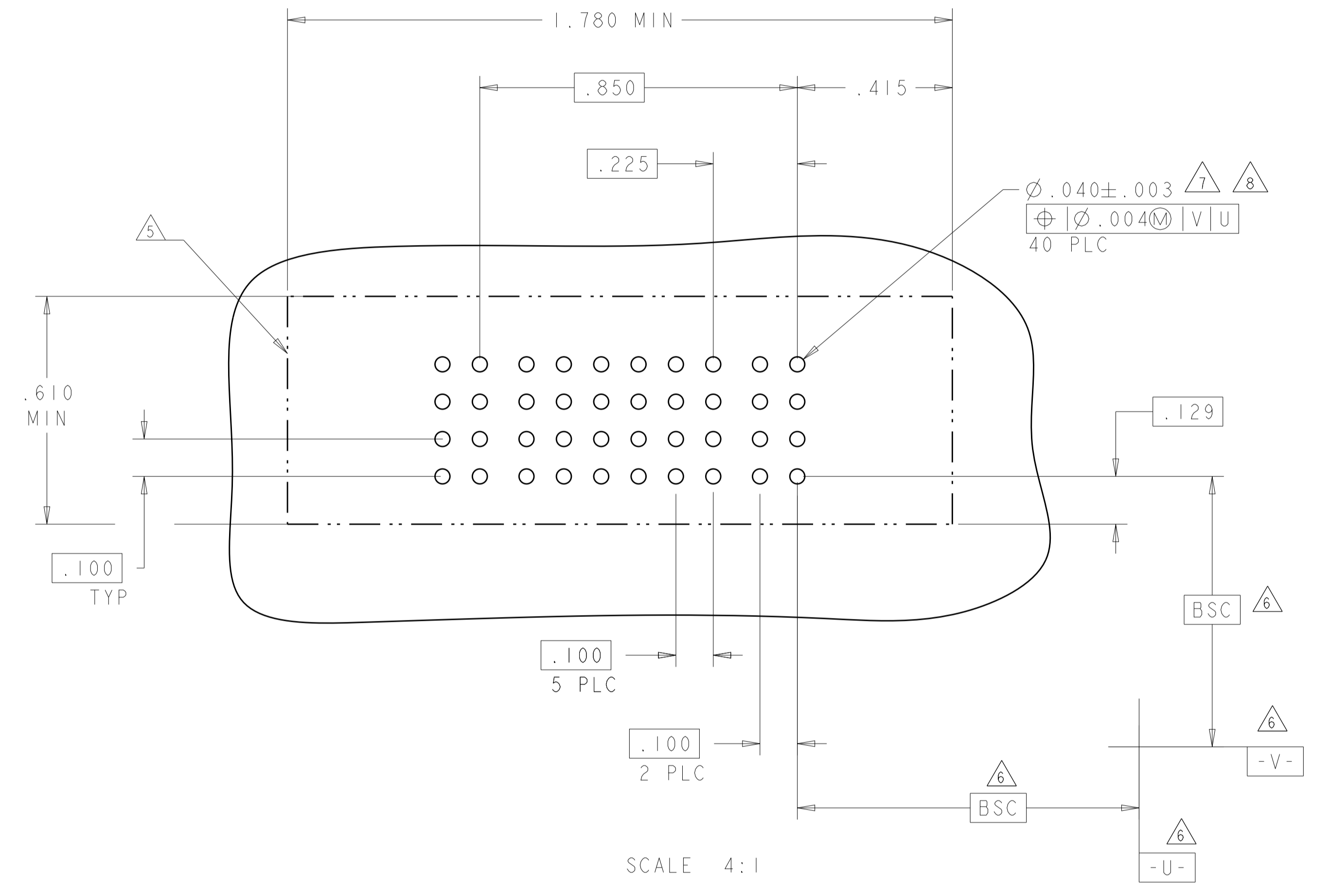
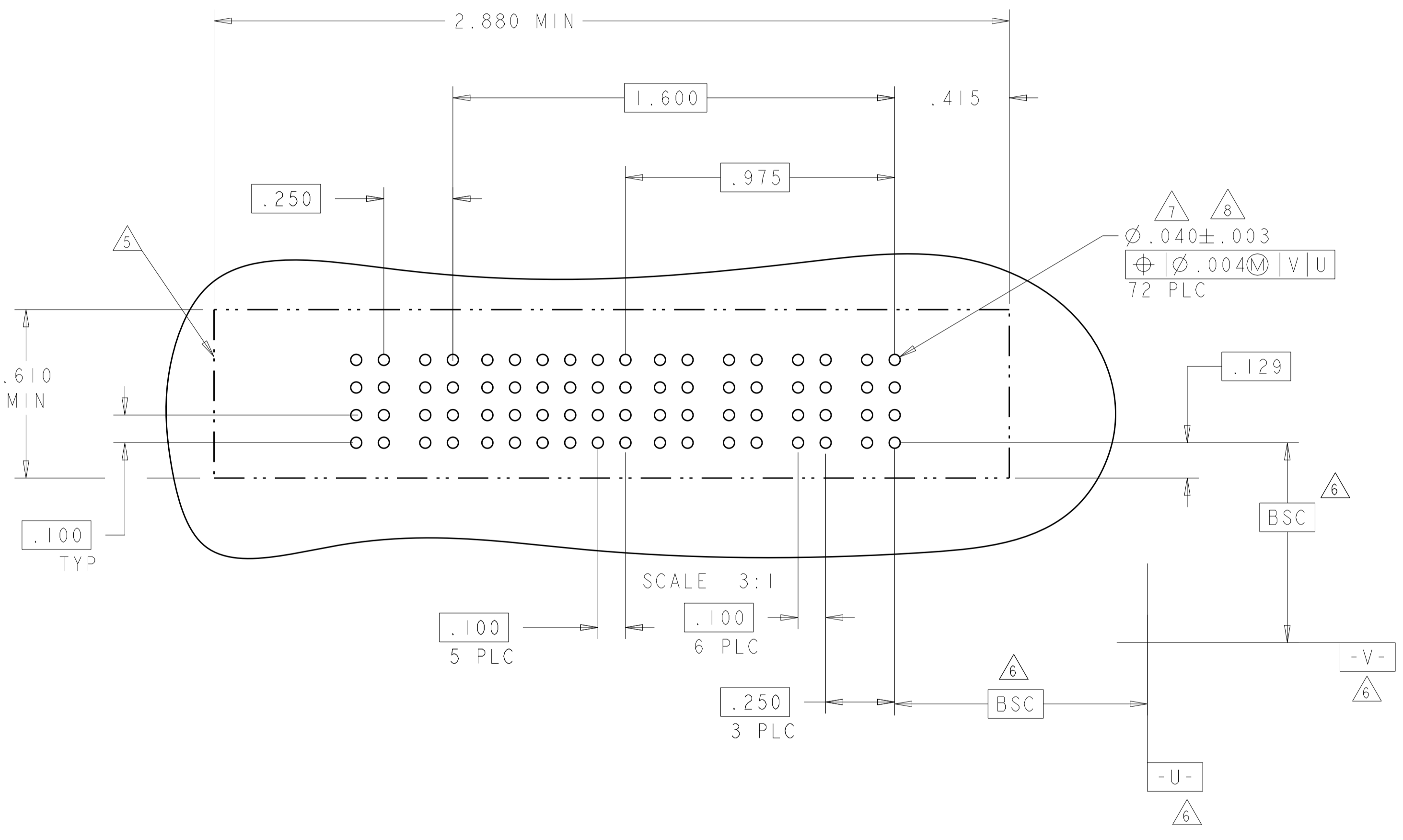
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 29APR05	TE Connectivity VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES		CHK: M. PERCHERKE 29APR05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME
0 PLC ±		PRODUCT SPEC	108-1973
1 PLC ±.01		APPLICATION SPEC	114-13038
2 PLC ±.05		SIZE	114-13038
3 PLC ±.005		WEIGHT	A100779C=6450540
4 PLC ±.0020		CUSTOMER DRAWING	SCALE 2:1 SHEET 5 OF 19 REV K9
ANGLES ±.020			
FINISH			

LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS			
NO	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-

PART NUMBER	ROWS	POWER		SIGNAL								POWER			
		P6	P5	6	5	4	3	2	1	P4	P3	P2	P1		
6450540-6	D C B A	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP
				AP	AP	AP	AP	AP	AP	AP	AP				
				AP	AP	AP	AP	AP	AP	AP	AP				
				AP	AP	AP	AP	AP	AP	AP	AP				
4P + 24S + 2P															

PART NUMBER	ROWS	POWER		SIGNAL								POWER
		P2	6	5	4	3	2	1	P1			
6450540-7	D C B A	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	GP
				AP	AP	AP	AP	AP	AP	AP	AP	
				AP	AP	AP	AP	AP	AP	AP	AP	
				AP	AP	AP	AP	AP	AP	AP	AP	
IP + 24S + IP												

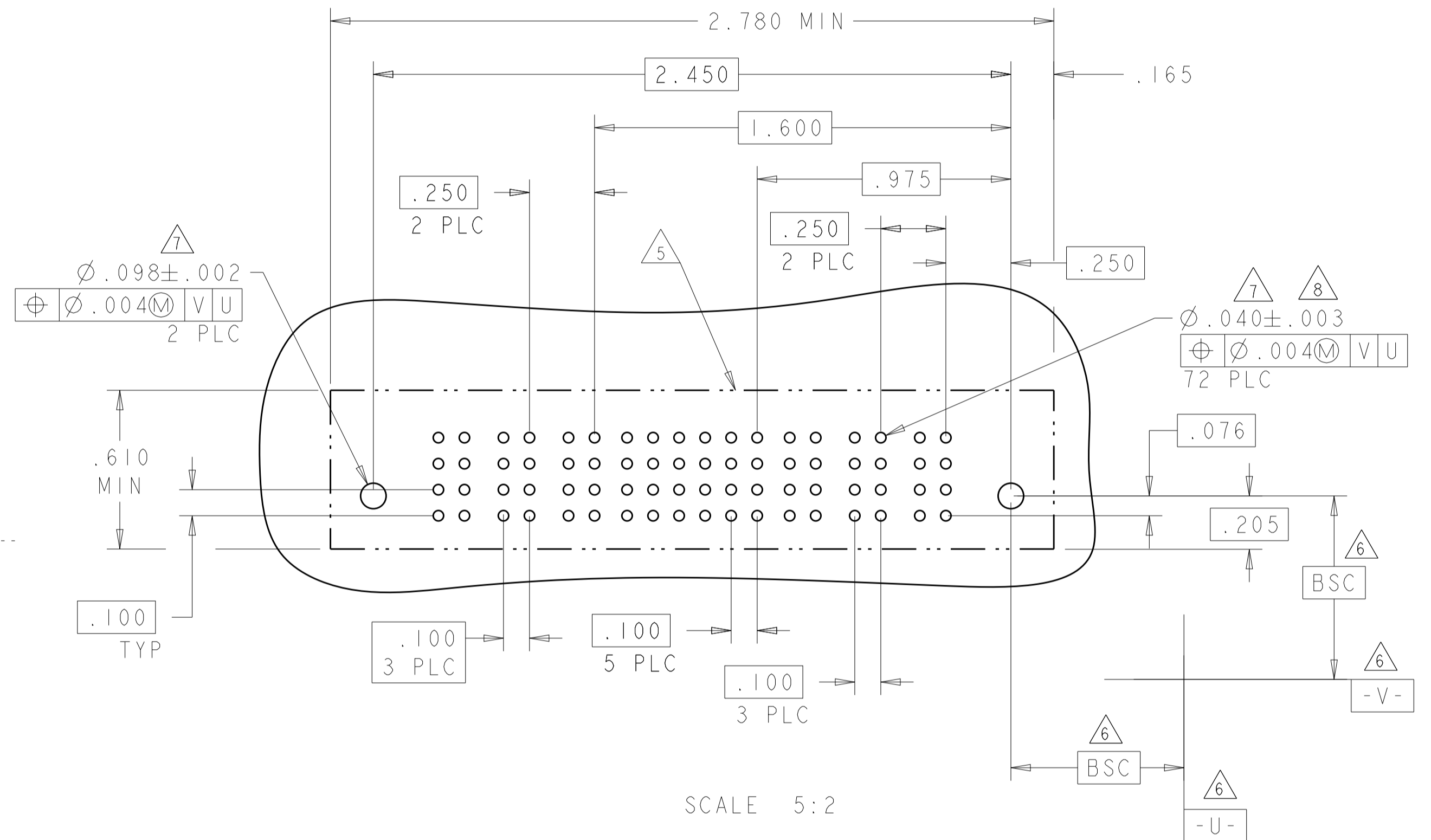
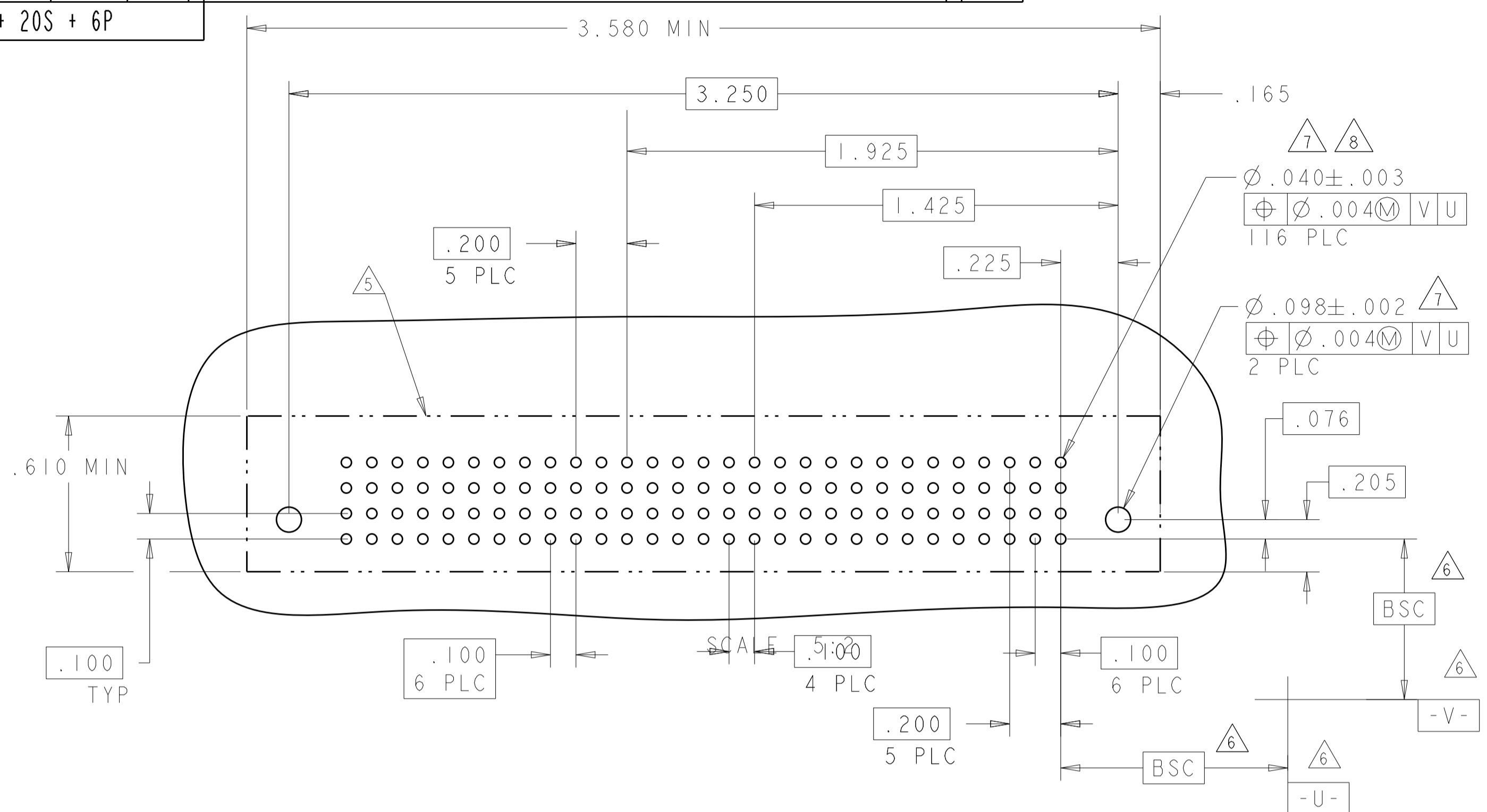


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 29APR05	TE Connectivity												
DIMENSIONS: INCHES		CHK: M. PERCHERKE 29APR05													
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL												
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±.01</td></tr> <tr><td>2 PLC</td><td>±.01</td></tr> <tr><td>3 PLC</td><td>±.005</td></tr> <tr><td>4 PLC</td><td>±.0020</td></tr> <tr><td>ANGLES</td><td>±.020</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.01	3 PLC	±.005	4 PLC	±.0020	ANGLES	±.020	PRODUCT SPEC: 108-1973	SIZE: A1
0 PLC	±														
1 PLC	±.01														
2 PLC	±.01														
3 PLC	±.005														
4 PLC	±.0020														
ANGLES	±.020														
MATERIAL: FINISH: *		APPLICATION SPEC: 114-13038	CAGE CODE: 6450540												
WEIGHT: -		CUSTOMER DRAWING	SCALE: 2:1 SHEET 6 OF 19 REV: K9												

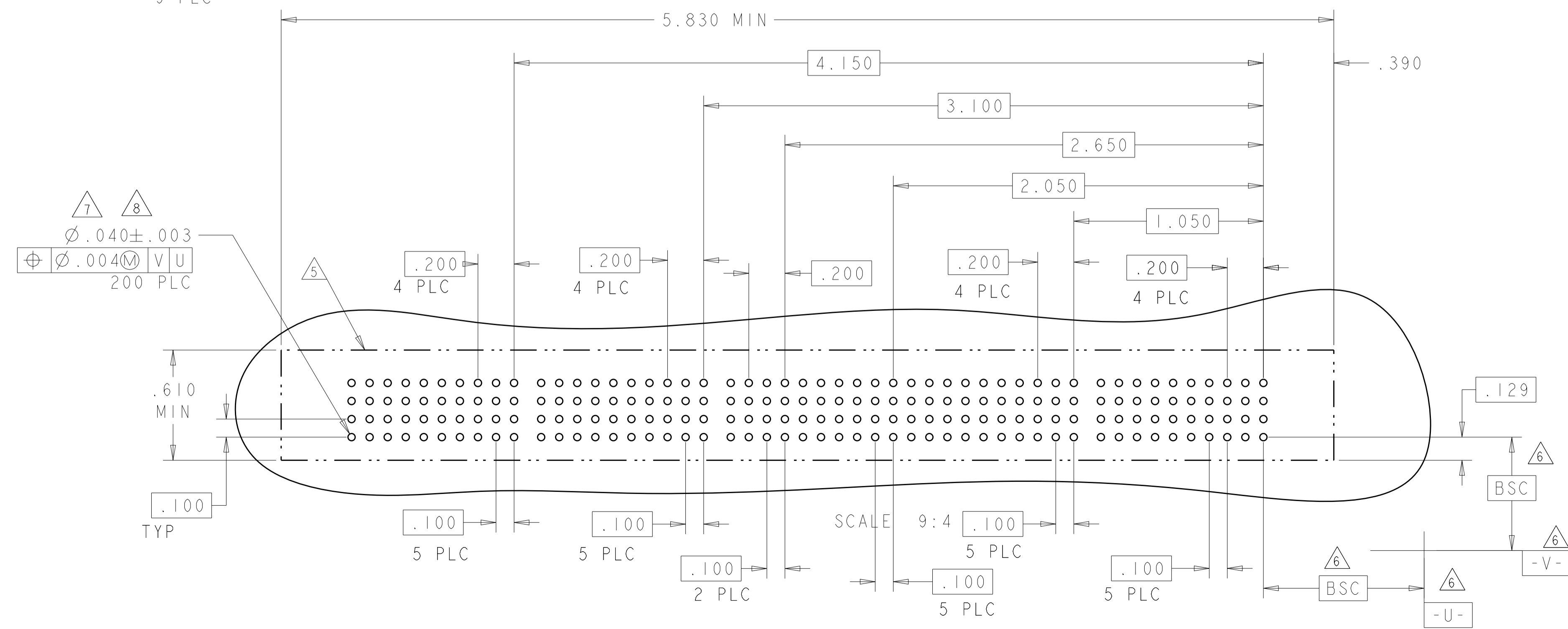
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD
ES	00	SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL					POWER						
		P12	P11	P10	P9	P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	P1	
I-6450540-2	DCBA	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP

PART NUMBER	ROWS	POWER			SIGNAL						POWER				
		P6	P5	P4	6	5	4	3	2	1	P3	P2	P1		
2-6450540-0	DCBA	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP
		GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP
		GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP
		GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP



PART NUMBER	ROWS	POWER										SIGNAL						POWER																									
		P22	P21	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1														
I-6450540-4	DCBA	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.02	OWN: R. GRZYBOWSKI 29APR05 CHK: M. PERCHERKE 29APR05 APVD: M. PERCHERKE PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL SIZE: A1 CAGE CODE: 6450540 SCALE: 2:1 SHEET: 7 OF 19 REV: K9
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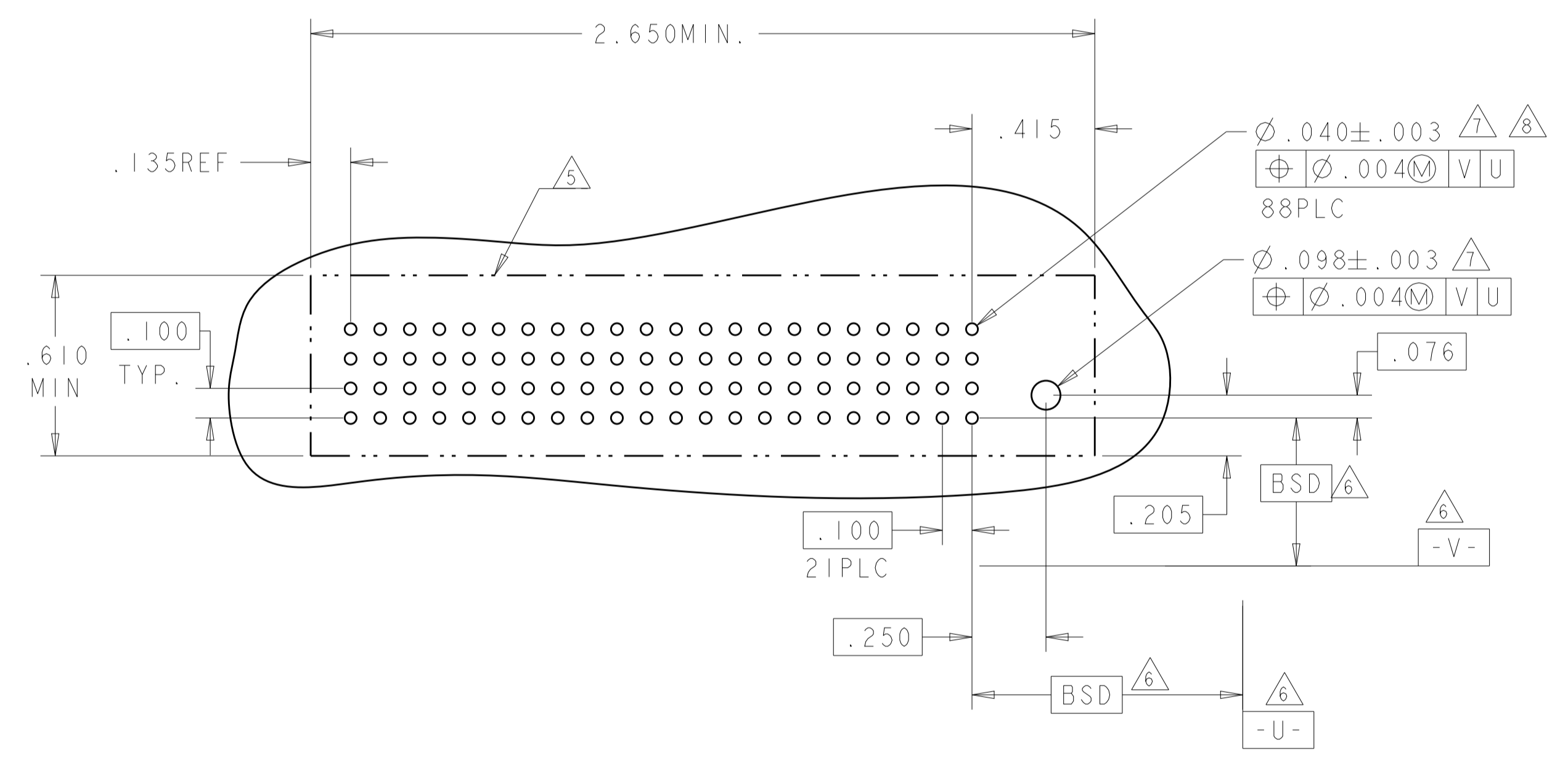
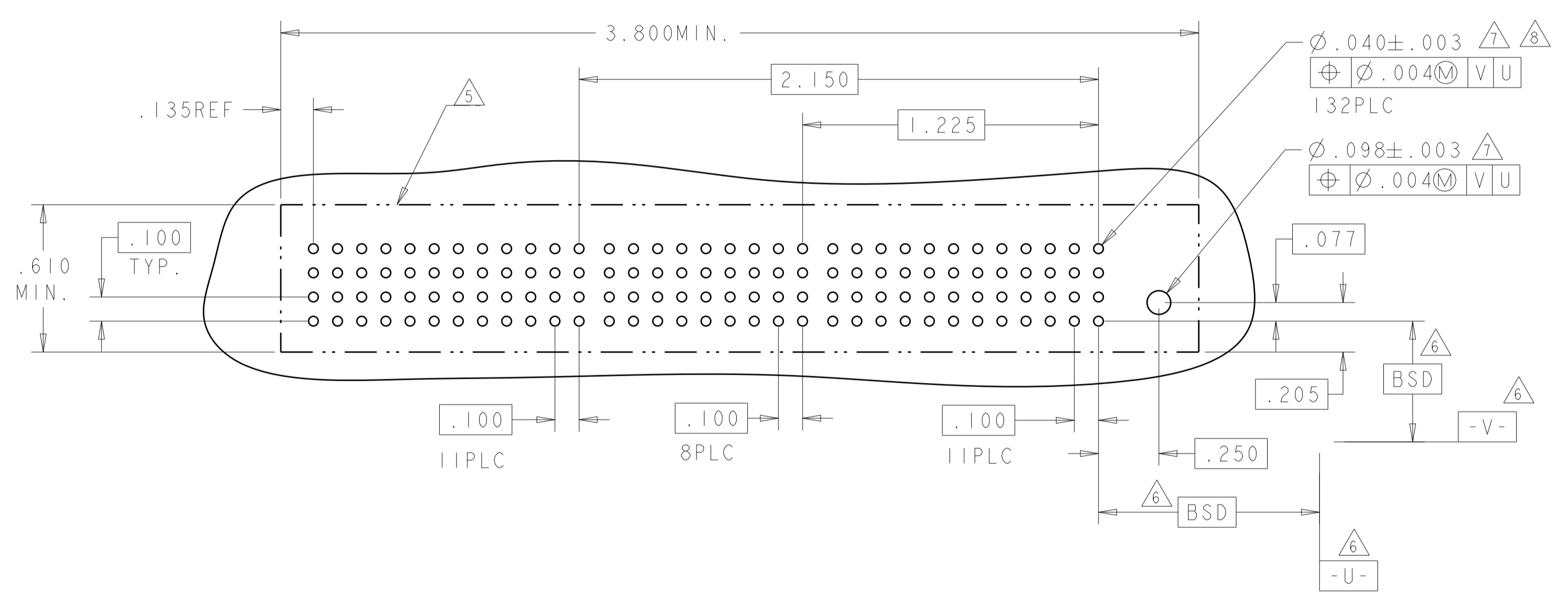
STC TE Connectivity

LOC	DIST	REV	DATE	BY	APPD
ES	00				

REVISIONS					
REV	DATE	BY	APPD	DESCRIPTION	DATE
-	-	-	-	SEE SHEET 1	-

PART NUMBER	ROWS	POWER						SIGNAL								POWER							
		P21	P20	P19	P18	P17	P16	9	8	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	
4-6450540-1	D C B A	GP	GP	GP	GP	GP	GP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	GP	GP	GP	GP	GP	GP
								AP	AP	AP	AP	AP	AP	AP	AP	AP	AP						
								AP	AP	AP	AP	AP	AP	AP	AP	AP	AP						
								AP	AP	AP	AP	AP	AP	AP	AP	AP	AP						
6HDP + 36S + 6HDP																							

PART NUMBER	ROWS	POWER									
		P11	P10	P9	P8	P7	P6	P5	P3	P2	P1
4-6450540-2	D C B A	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
11HDP											

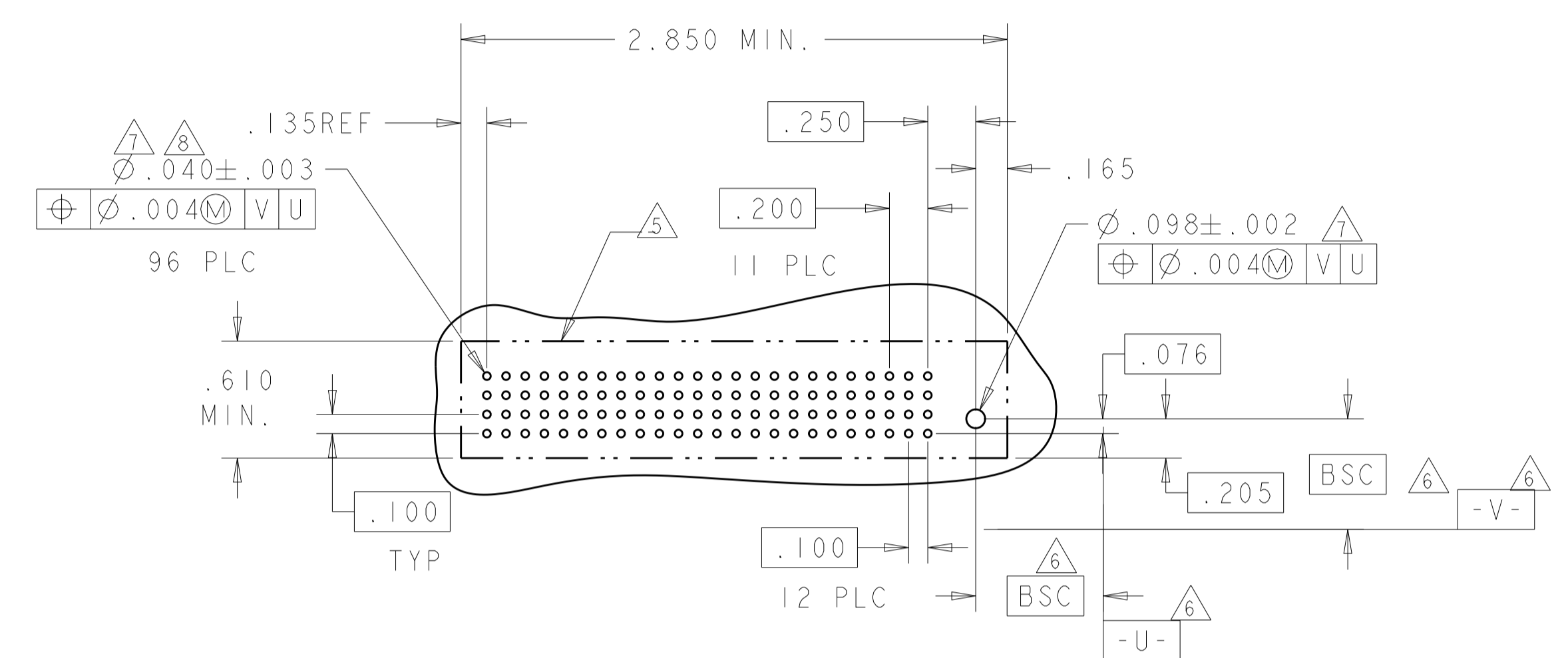
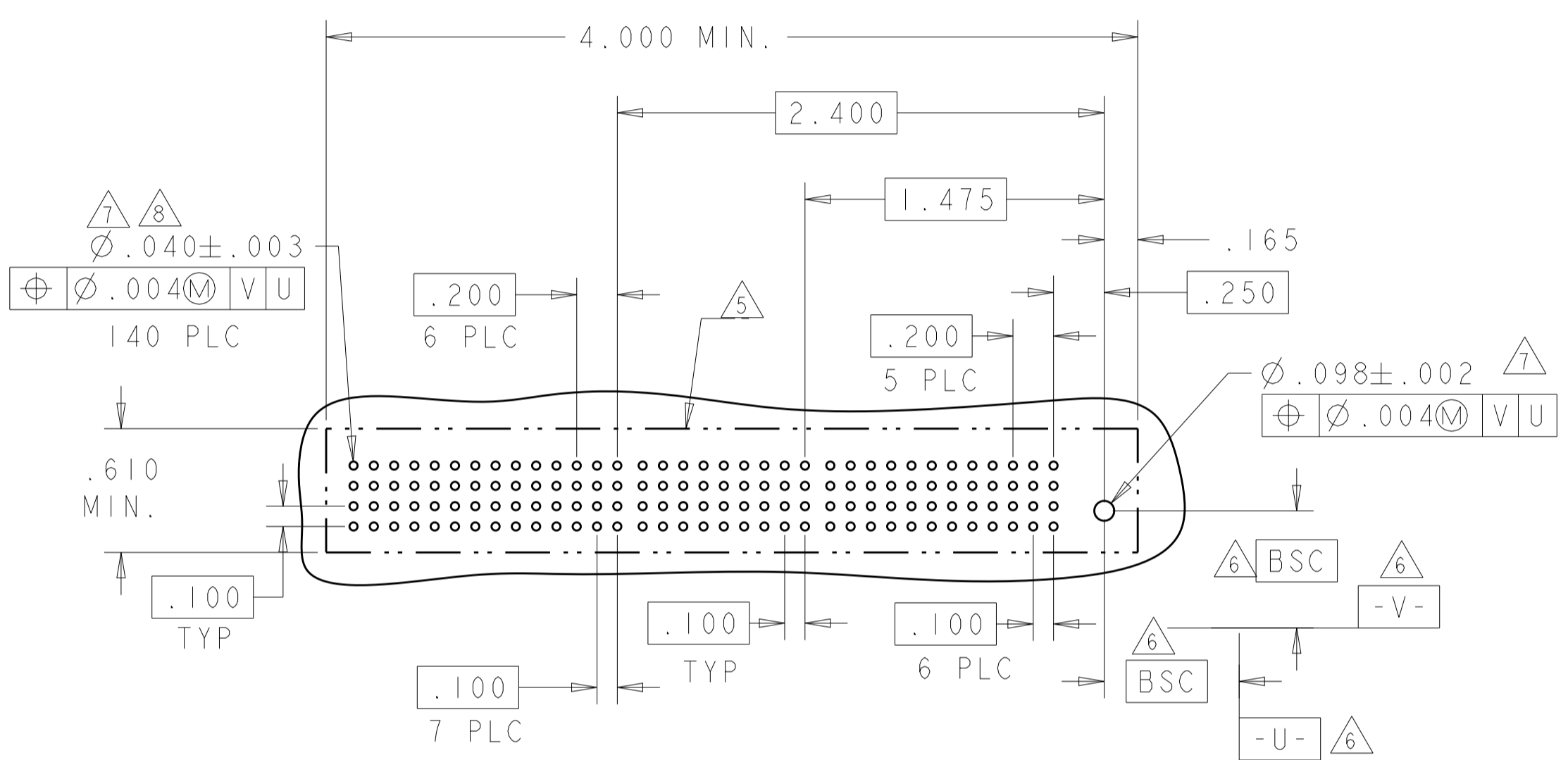


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: R. GRZYBOWSKI 29APR05 CHK: M. PERCHERKE 29APR05 APVD: M. PERCHERKE	TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2° FINISH	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING	

LOC	DIST	REV	DATE	BY	APPV
ES	00				
REVISIONS					
DESCRIPTION			DATE	BY	APPV
SEE SHEET 1					

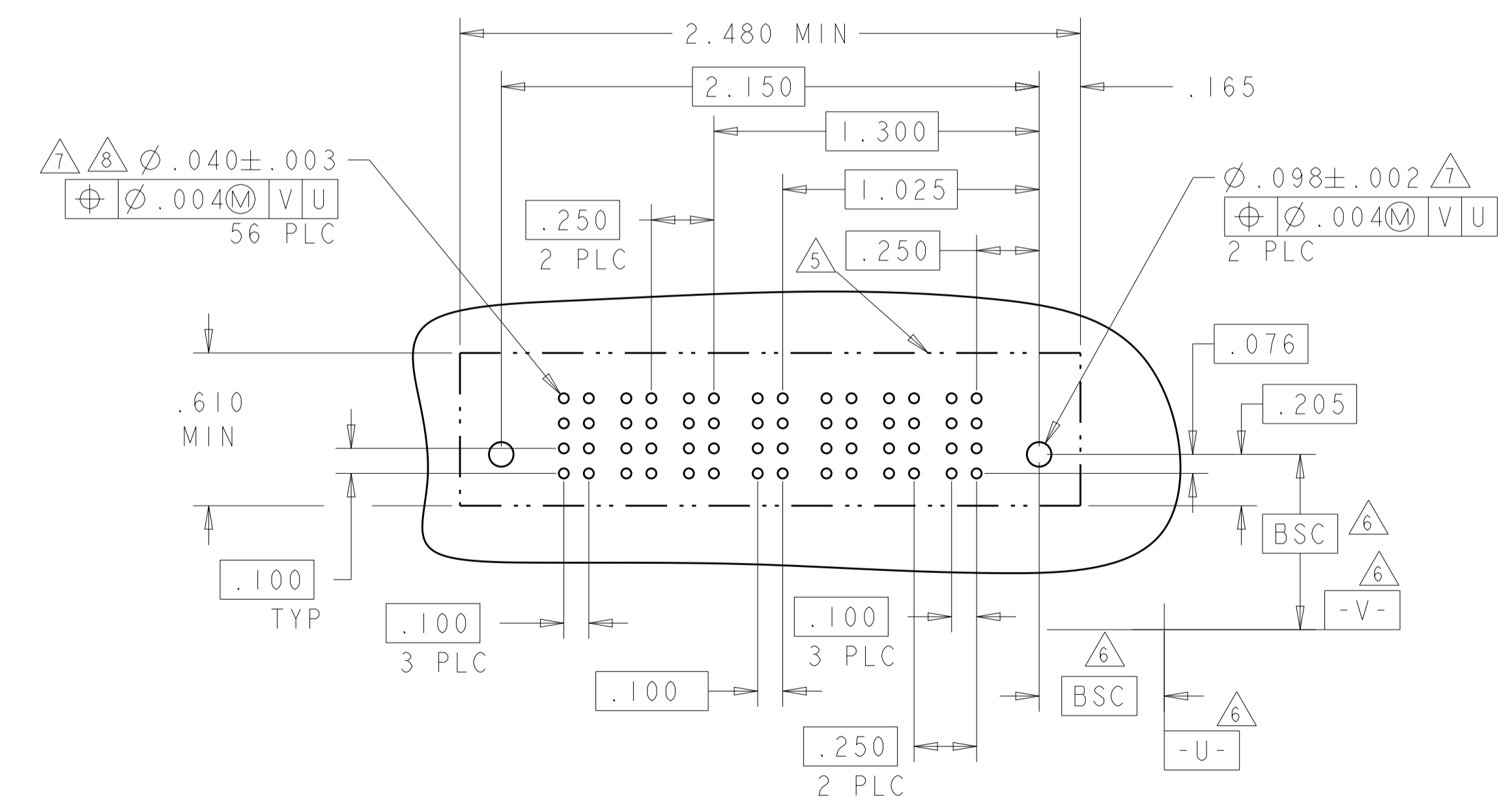
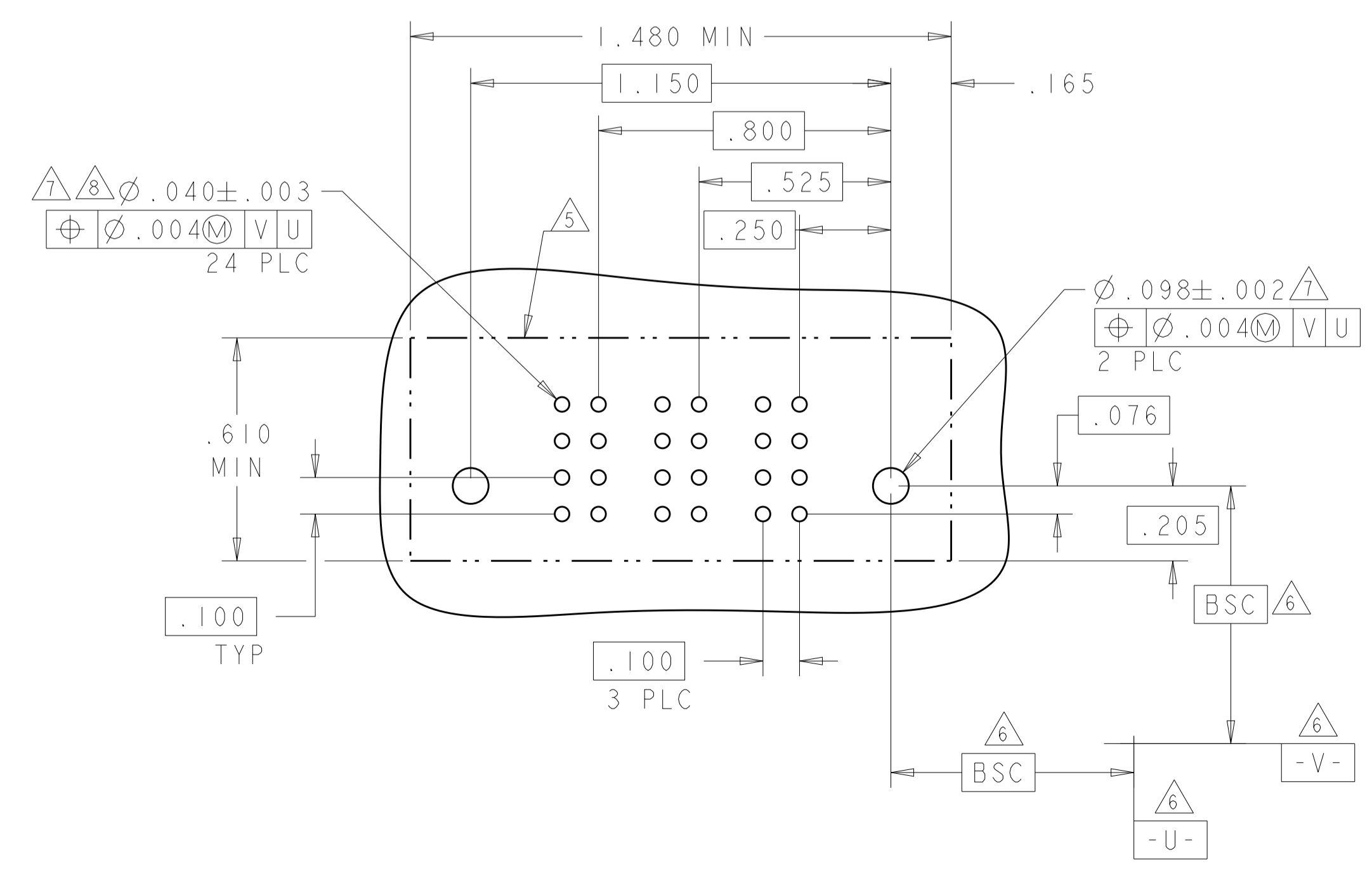
PART NUMBER	ROWS	POWER							SIGNAL							POWER					HD				
		P13	P12	P11	P10	P9	P8	P7	9	8	7	6	5	4	3	2	1	P6	P5	P4		P3	P2	P1	
4-6450540-4	D C B A	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	HD	
		GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS		
		GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS		
6HDP + 36S + 7HDP																									

PART NUMBER	ROWS	POWER											HD				
		P12	P11	P10	P9	P8	P7	P6	P5	P3	P2	P1					
4-6450540-5	D C B A	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	HD
		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	
		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	
12HDP																	



PART NUMBER	ROWS	POWER		SIGNAL		POWER		HD	
		P2	P1	2	1	P2	P1		
4-6450540-6	D C B A	GS	GS	AP	AP	AP	AP	GS	HD
		GS	GS	AP	AP	AP	AP	GS	HD
		GS	GS	AP	AP	AP	AP	GS	HD
IP + 8S + IP									

PART NUMBER	ROWS	POWER			SIGNAL		POWER			HD		
		P6	P5	P4	2	1	P3	P2	P1			
4-6450540-7	D C B A	HP	HP	HP	BP	BP	BP	BP	HP	HP	HP	HD
		HP	HP	HP	BP	BP	BP	BP	HP	HP	HP	HD
		HP	HP	HP	BP	BP	BP	BP	HP	HP	HP	HD
3P + 8S + 3P												



THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 29APR05
 CHK: M. PERCHERKE 29APR05
 APVD: M. PERCHERKE

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±.01
 1 PLC ±.01
 2 PLC ±.01
 3 PLC ±.005
 4 PLC ±.002
 ANGLES ±.020

MATERIAL: FINISH: 2*

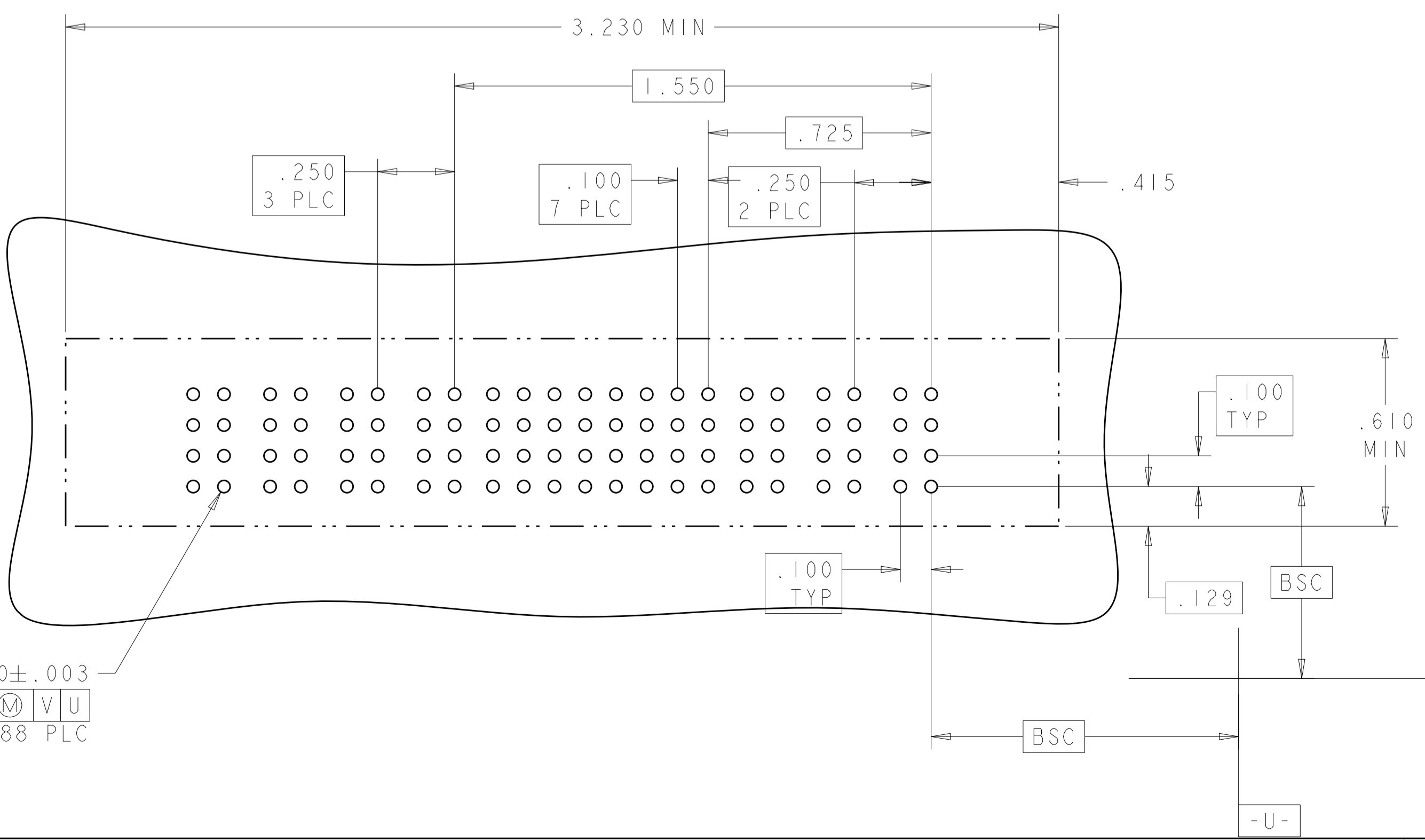
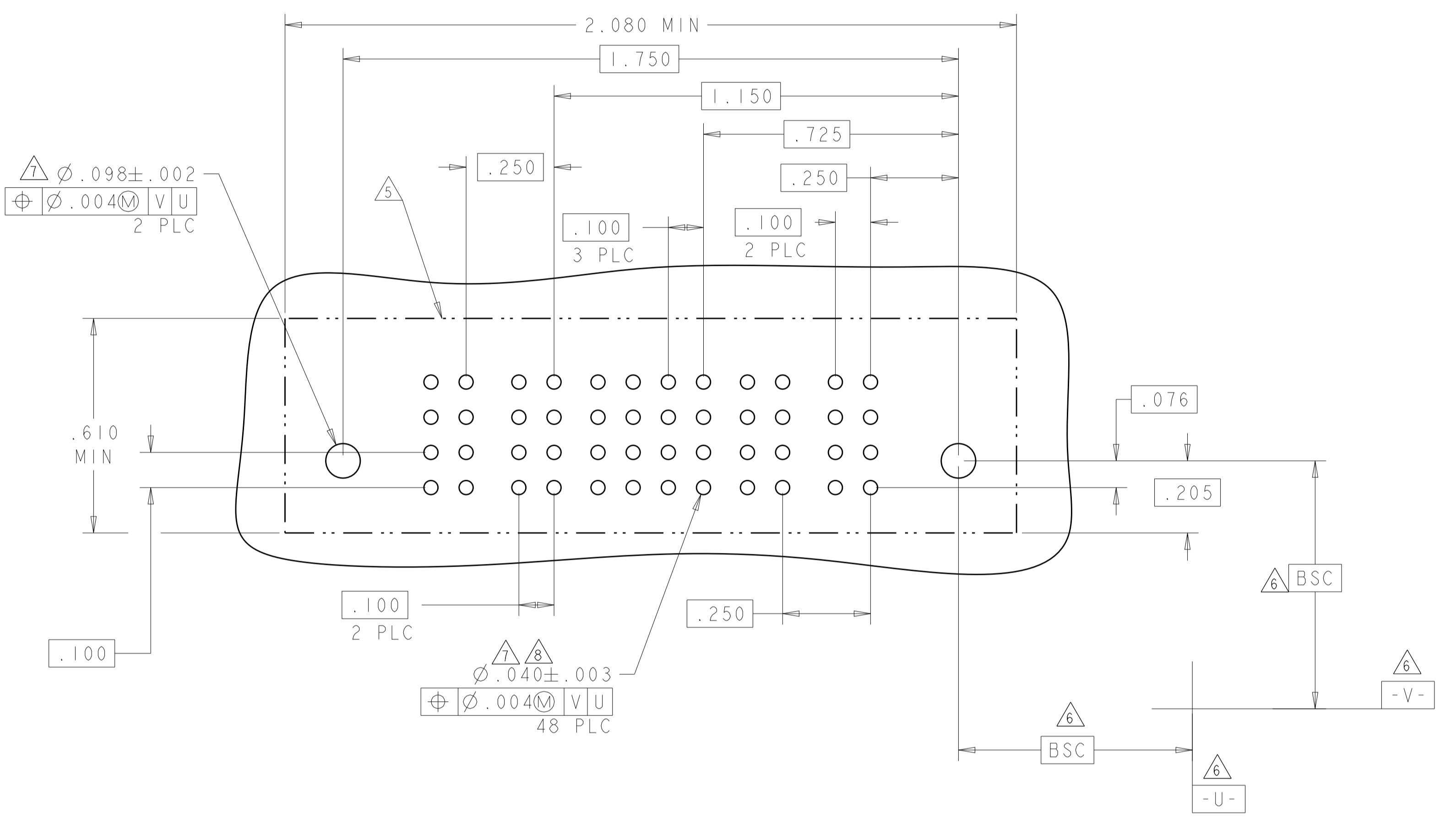
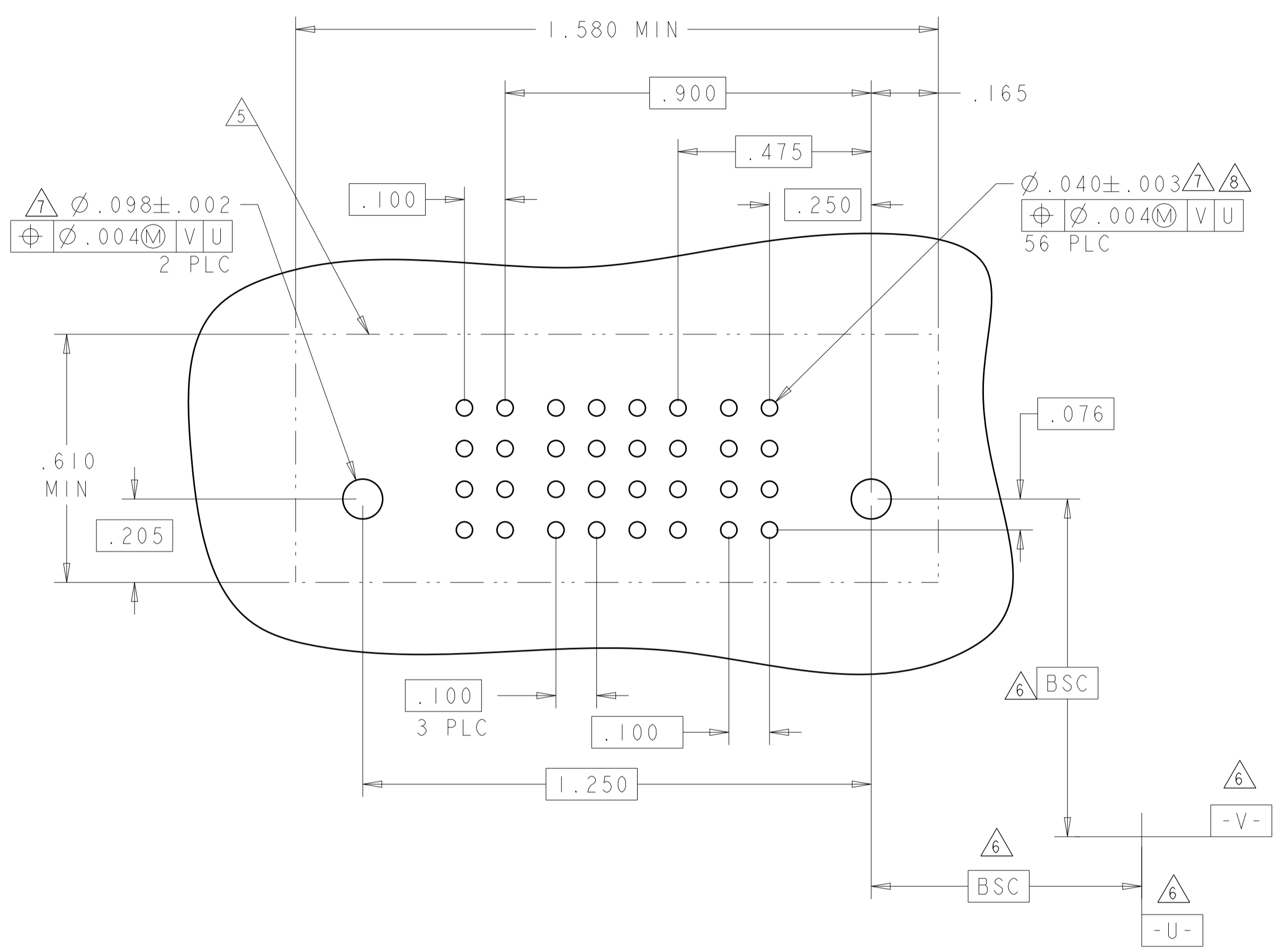
NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
 PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: -
 CUSTOMER DRAWING

SIZE: A1
 CAGE CODE: -
 DRAWING NO: 6450540
 SHEET 11 OF 19
 SCALE: 2:1
 REV: K9

STC TE Connectivity

PART NUMBER	ROWS	POWER		SIGNAL				POWER		
		P2	4	3	2	1	PI			
4-6450540-8	D C B A	GS	AP	AP	AP	AP				GS
			AP	AP	AP	AP				
			AP	AP	AP	AP				
			AP	AP	AP	AP				
IP + 16S + IP										

PART NUMBER	ROWS	POWER		SIGNAL				POWER		
		P4	P3	4	3	2	1	P2	PI	
5-6450540-1	D C B A	GP	GP	GP	AP	AP	AP	AP		
			GP	GP	AP	AP	AP	AP		
			GP	GP	AP	AP	AP	AP		
			GP	GP	AP	AP	AP	AP		
2P + 16S + 2P										



PART NUMBER	ROWS	POWER				SIGNAL							POWER			
		P7	P6	P5	P4	8	7	6	5	4	3	2	1	P3	P2	P1
1-6450540-1	D C B A	VP	VP	VP	VP	P	P	P	P	P	P	P	P	VP	VP	VP
						P	P	P	P	P	P	P	P			
						P	P	P	P	P	P	P	P			
						P	P	P	P	P	P	P	P			
3P + 32S + 4P																

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± .01
1 PLC	± .01
2 PLC	± .01
3 PLC	± .005
4 PLC	± .002
ANGLES	± .020

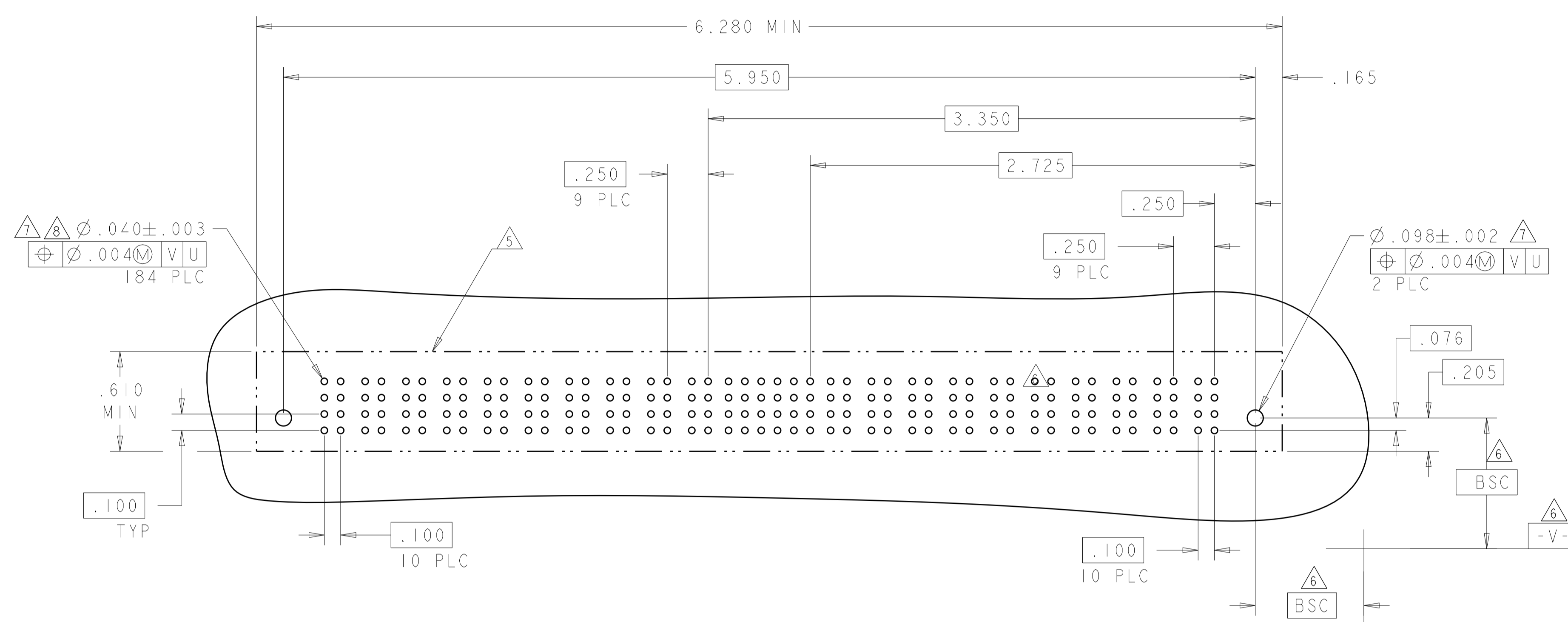
MATERIAL: FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI, 29APR05. CHK: M. PERCHERKE, 29APR05. APVD: M. PERCHERKE. NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL. PRODUCT SPEC: 108-1973. APPLICATION SPEC: 114-13038. WEIGHT: -. SIZE: A1. CAGE CODE: 100779. DRAWING NO: 6450540. RESTRICTED TO: -. SCALE: 2:1. SHEET 12 OF 19. REV: K9. CUSTOMER DRAWING.

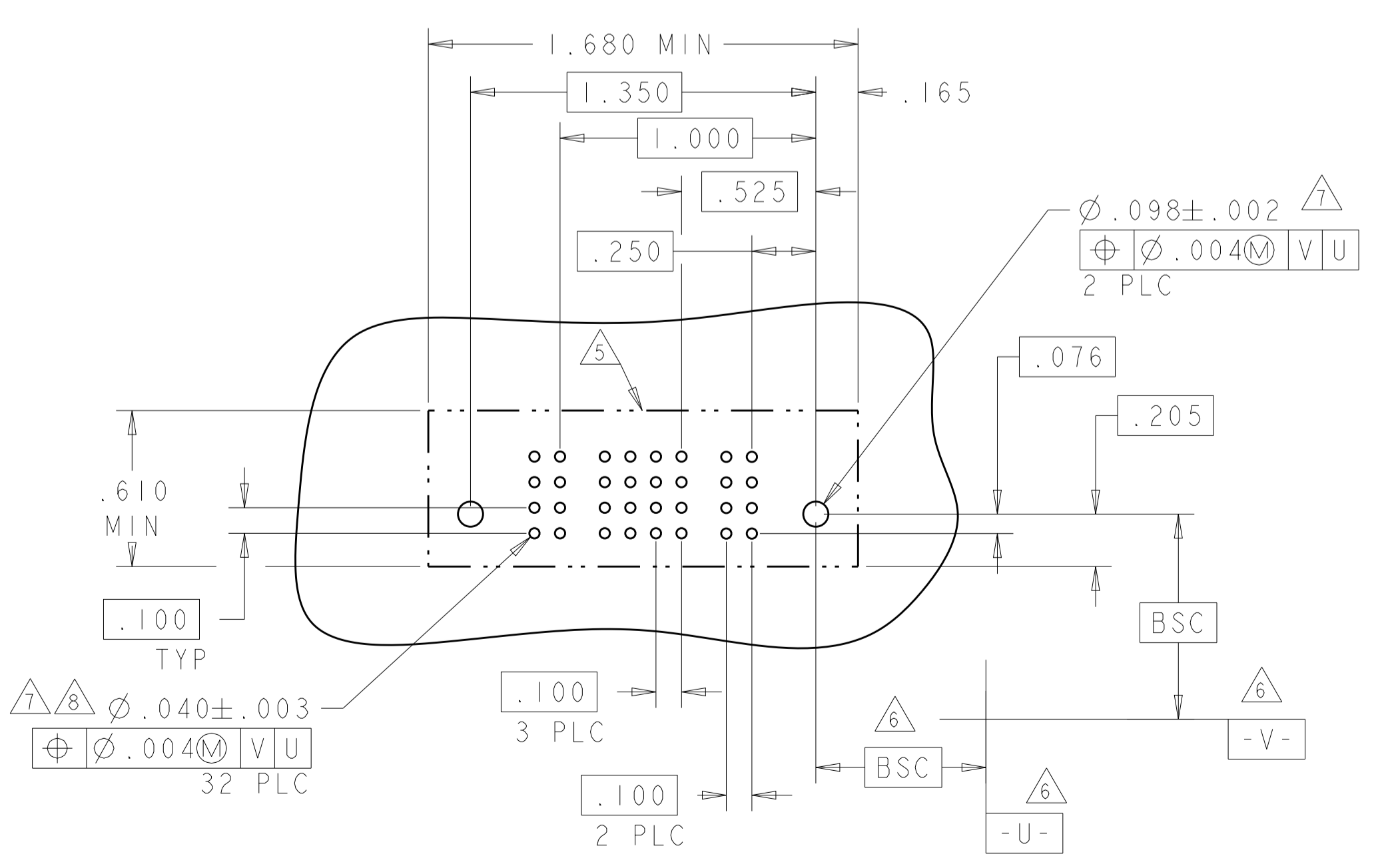
LOC	DIST	REV	DATE	BY	APPV
ES	00				

REVISIONS			
NO	DATE	DESCRIPTION	BY
-	-	SEE SHEET 1	-

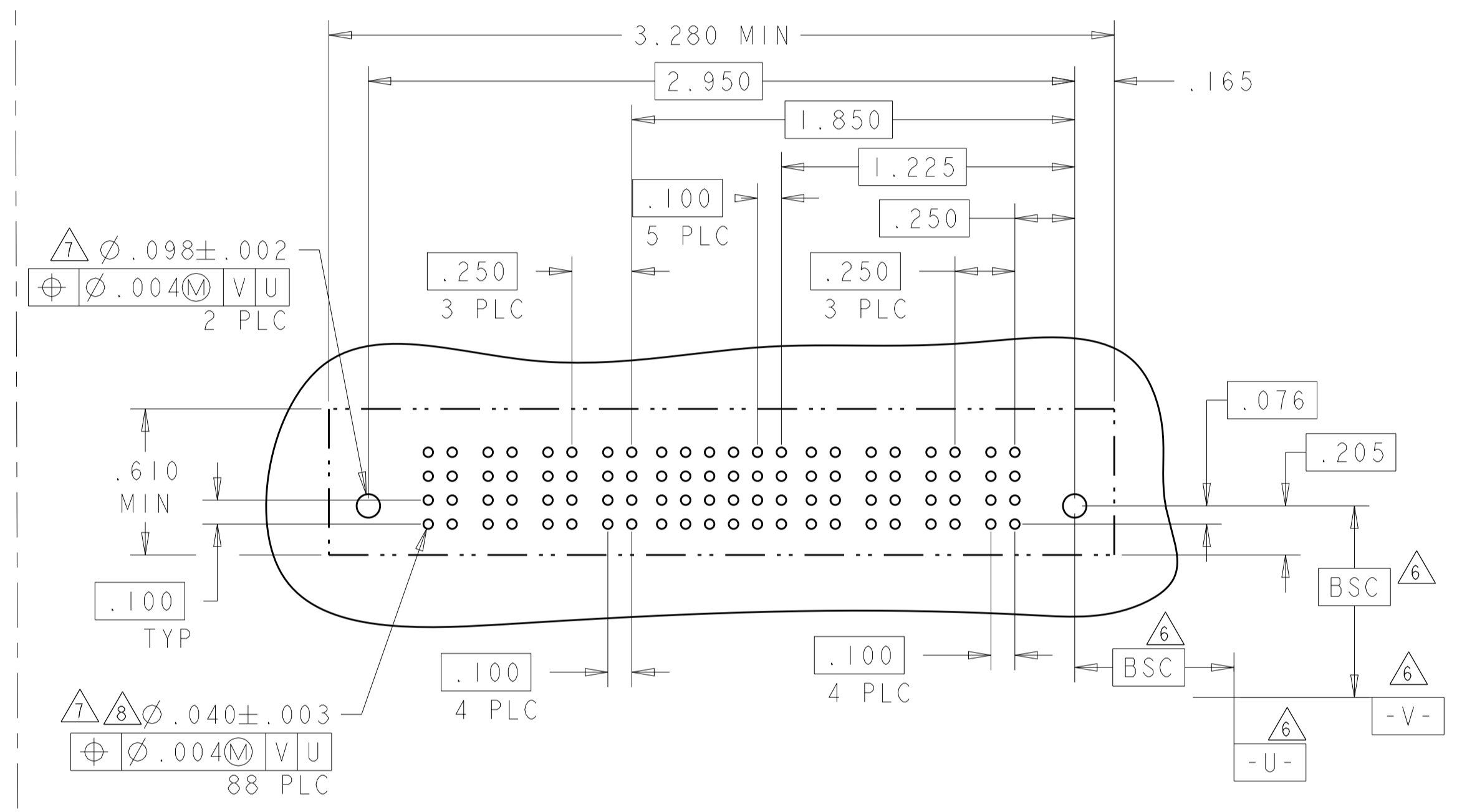
PART NUMBER	ROWS	POWER										SIGNAL						POWER											
		P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1		
5-6450540-0	D C B A	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS		
		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS		
		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS		
		GS	GS	GS	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	GS	GS		
10P + 24S + 10P																													



PART NUMBER	ROWS	POWER		SIGNAL				POWER	
		P2	P1	4	3	2	1	P2	P1
5-6450540-2	D C B A	GS	GS	AP	AP	AP	AP	GS	GS
		GS	GS	AP	AP	AP	AP	GS	GS
		GS	GS	AP	AP	AP	AP	GS	GS
		GS	GS	AP	AP	AP	AP	GS	GS
1P + 16S + 1P									



PART NUMBER	ROWS	POWER				SIGNAL						POWER			
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
5-6450540-3	D C B A	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
		GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
		GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
		GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
4P + 24S + 4P															



THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: R. GRZYBOWSKI 29APR05
 CHK: M. PERCHERKE 29APR05
 APVD: M. PERCHERKE

STE TE Connectivity

NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: -

SIZE: A100779 C=6450540
 SHEET 13 OF 19

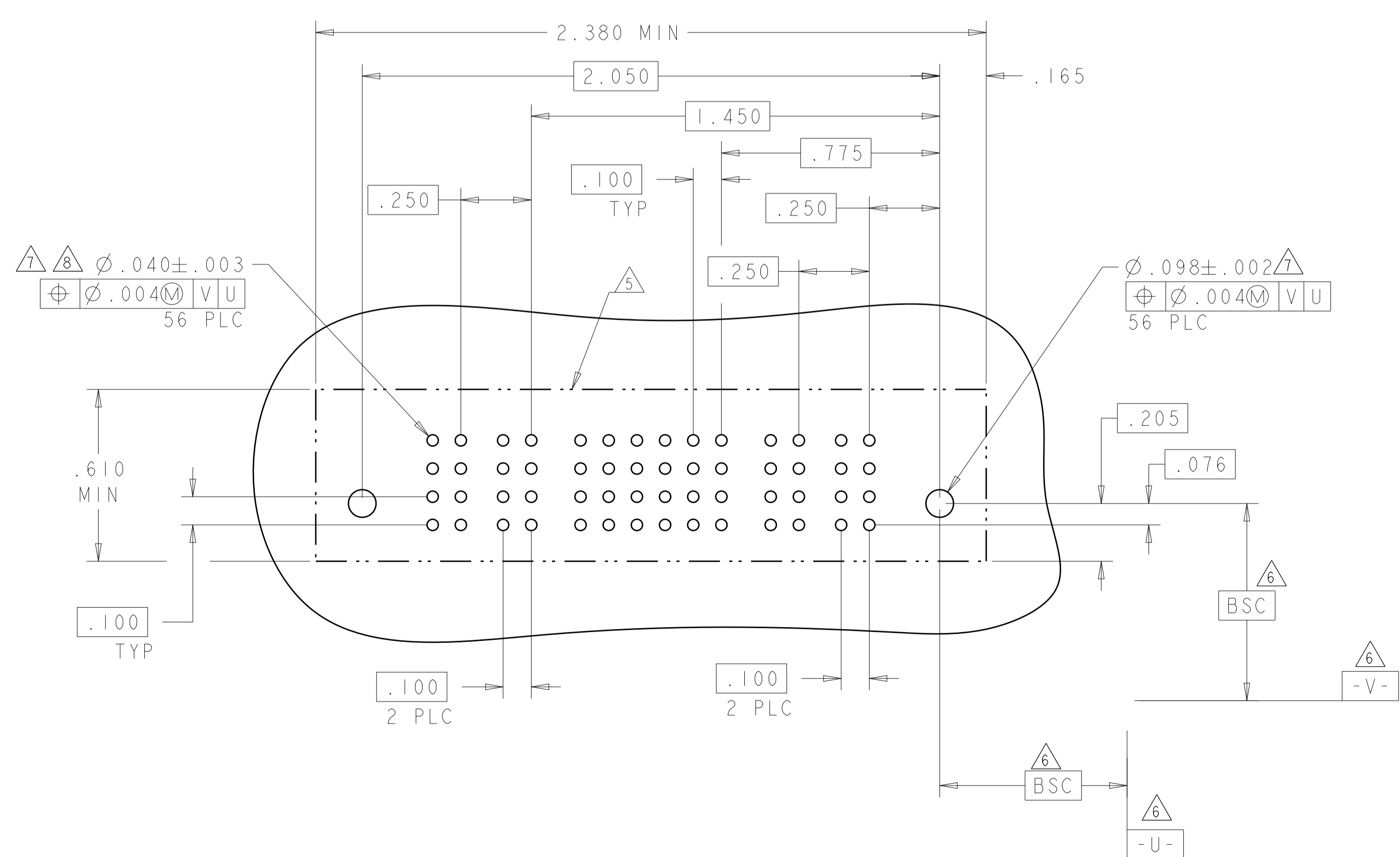
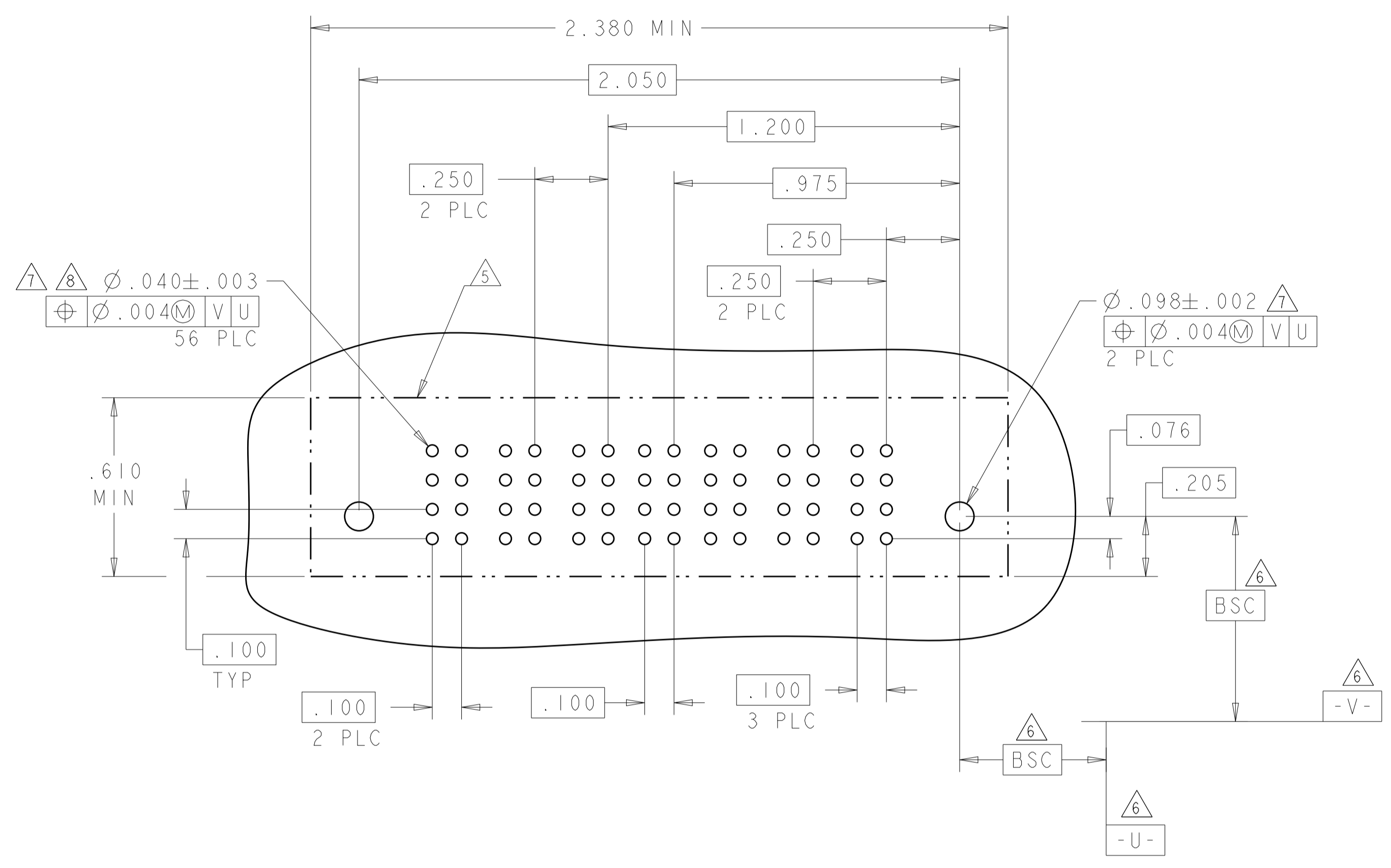
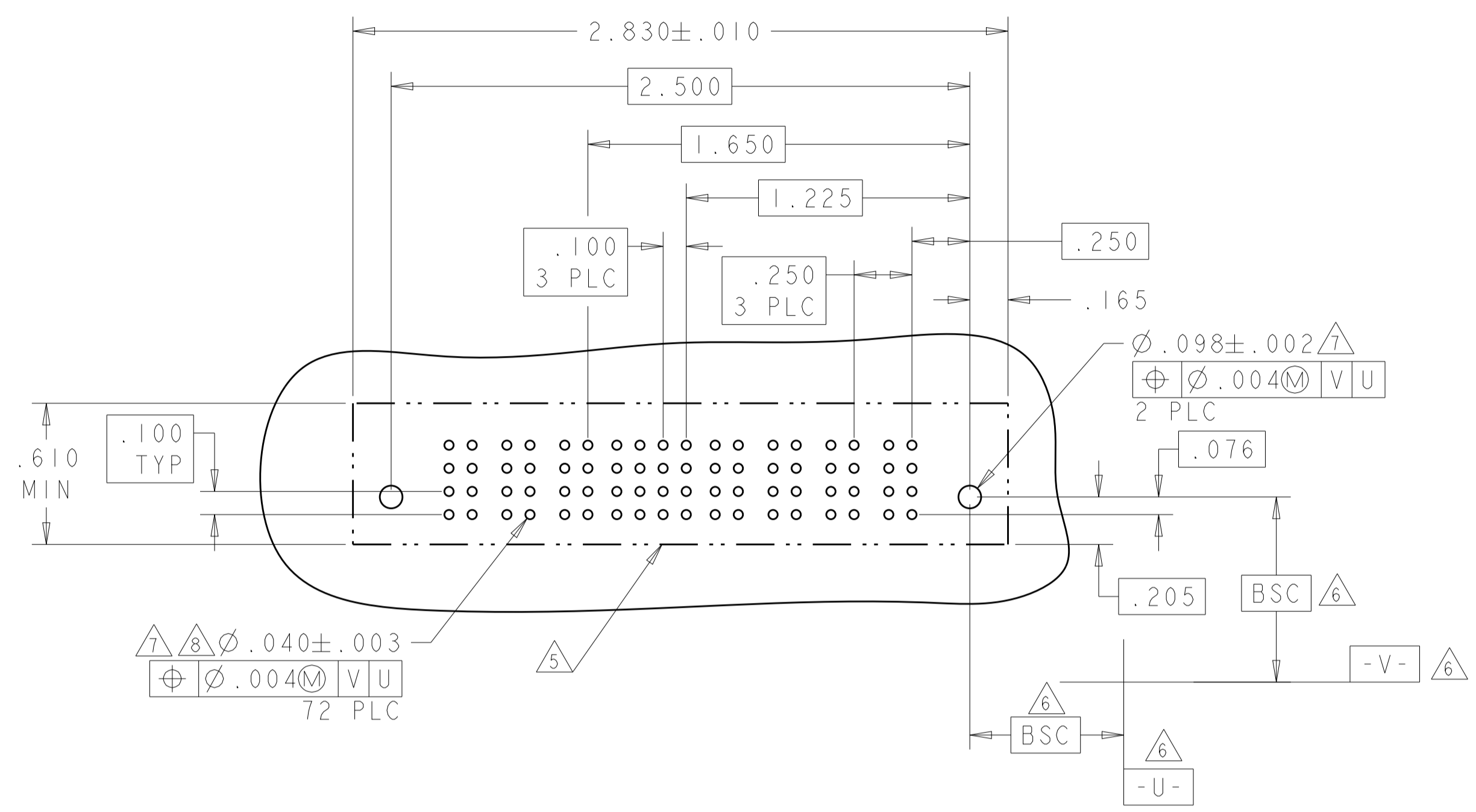
CUSTOMER DRAWING SCALE: 2:1

PART NUMBER	ROWS	POWER			SIGNAL			POWER				
		P7	P6	P5	4	3	2	1	P4	P3	P2	P1
5-6450540-4	D C B A	VS	VS	VS	P	P	P	P	VS	VS	VS	VS
		P	P	P	P	P	P	P	P	P	P	P
		P	P	P	P	P	P	P	P	P	P	P
		P	P	P	P	P	P	P	P	P	P	P

4P + 16S + 3P

PART NUMBER	ROWS	POWER			SIGNAL		POWER		
		P6	P5	P4	2	1	P3	P2	P1
5-6450540-5	D C B A	GS	GS	GS	AP	AP	GS	GS	GS
		AP	AP	AP	AP	AP	AP	AP	AP
		AP	AP	AP	AP	AP	AP	AP	AP
		AP	AP	AP	AP	AP	AP	AP	AP

3P + 8S + 3P



PART NUMBER	ROWS	POWER		SIGNAL					POWER			
		P4	P3	6	5	4	3	2	1	P2	P1	
5-6450540-9	D C B A	GS	GS	AP	AP	AP	AP	AP	AP	AP	GS	GS
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP
		AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP

2P + 24S + 2P

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: R. GRZYBOWSKI 29APR05
 CHK: M. PERCHERKE 29APR05
 APVD: M. PERCHERKE

STE TE Connectivity

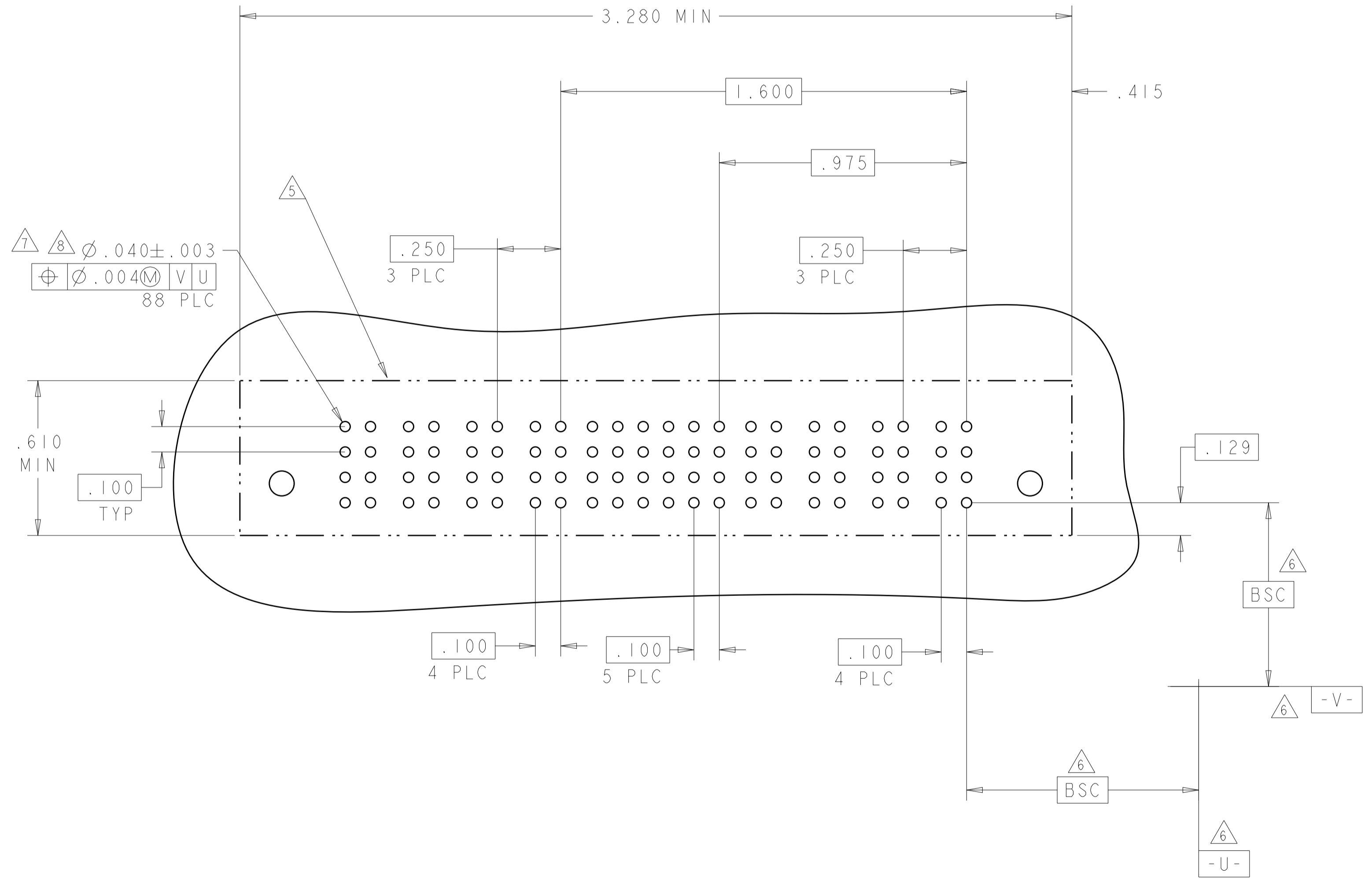
NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL

PRODUCT SPEC: 108-1973
 APPLICATION SPEC: 114-13038
 WEIGHT: -
 CUSTOMER DRAWING

SCALE: 2:1 SHEET 14 OF 19 REV: K9

LOC		DIST		REVISIONS			
ES	00	P	LTH	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER				SIGNAL						POWER				
		P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
6-6450540-0	D C B A	[Diagram]	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
			GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
			GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
			GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS
4P + 24S + 4P																



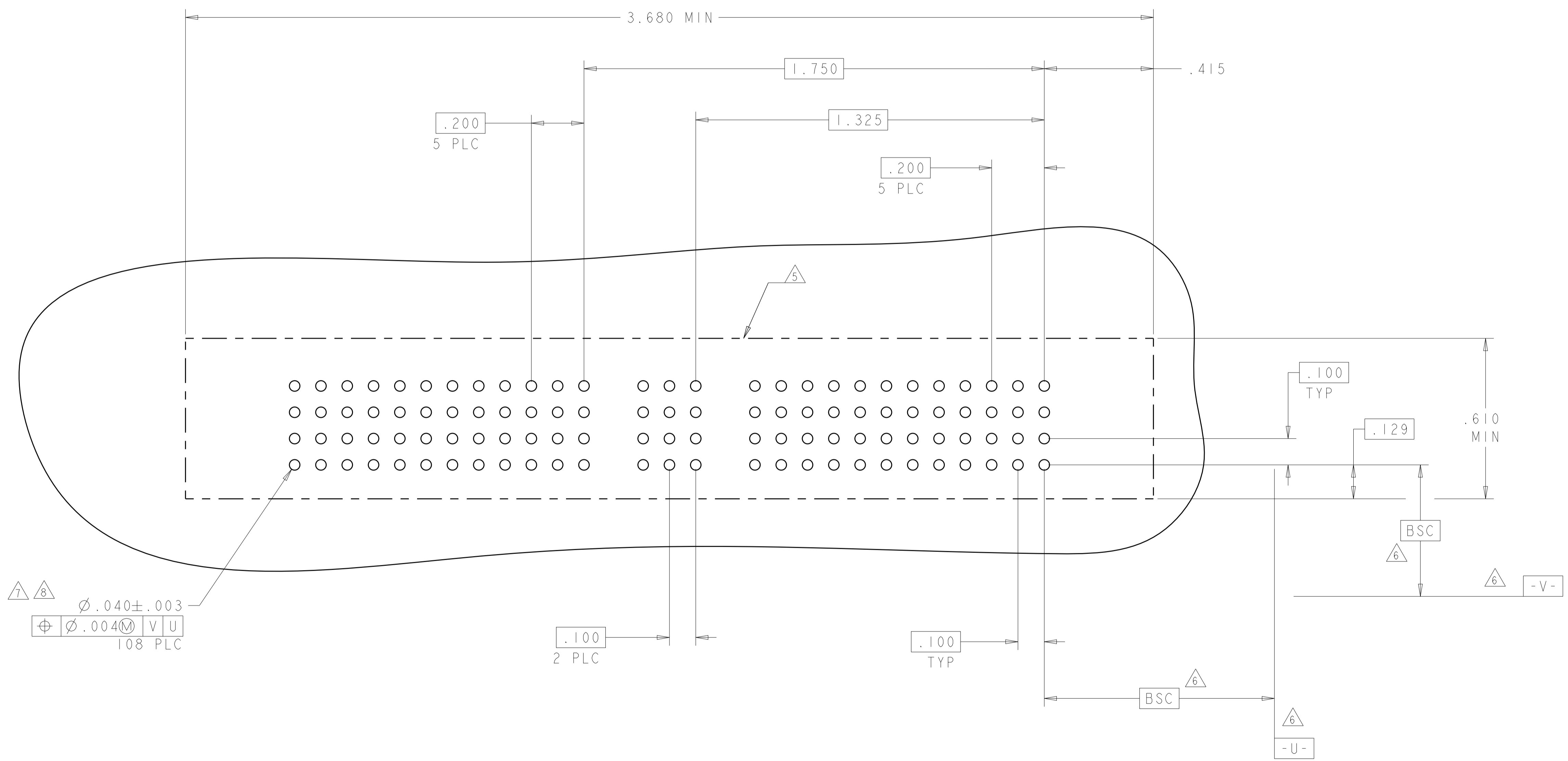
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R. GRZYBOWSKI 29APR05	 TE Connectivity
DIMENSIONS: INCHES		CHK M. PERCHERKE 29APR05	
 TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 ANGLES ±.2°		APVD M. PERCHERKE	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
MATERIAL		PRODUCT SPEC 108-1973	RESTRICTED TO
FINISH		APPLICATION SPEC 114-13038	SIZE A100779
CUSTOMER DRAWING		WEIGHT	DRAWING NO C=6450540
		SCALE 2:1	SHEET 15 OF 19
		REV K9	

LOC		DIST		REVISONS			
ES	00	P	LTN	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			

PART NUMBER	ROWS	POWER						SIGNAL					POWER						
		P12	P11	P10	P9	P8	P7	5	4	3	2	1	P6	P5	P4	P3	P2	P1	
6-6450540-1	D C B A	GP	GP	GP	GP	GP	GP	AP	AP	AP				GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP				GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP				GP	GP	GP	GP	GP	GP
		GP	GP	GP	GP	GP	GP	AP	AP	AP				GP	GP	GP	GP	GP	GP

6P + 20S + 6P

NO SIGNAL CONTACTS



$\phi .040 \pm .003$
 $\phi .004$ M V U
 108 PLC

.100
 2 PLC

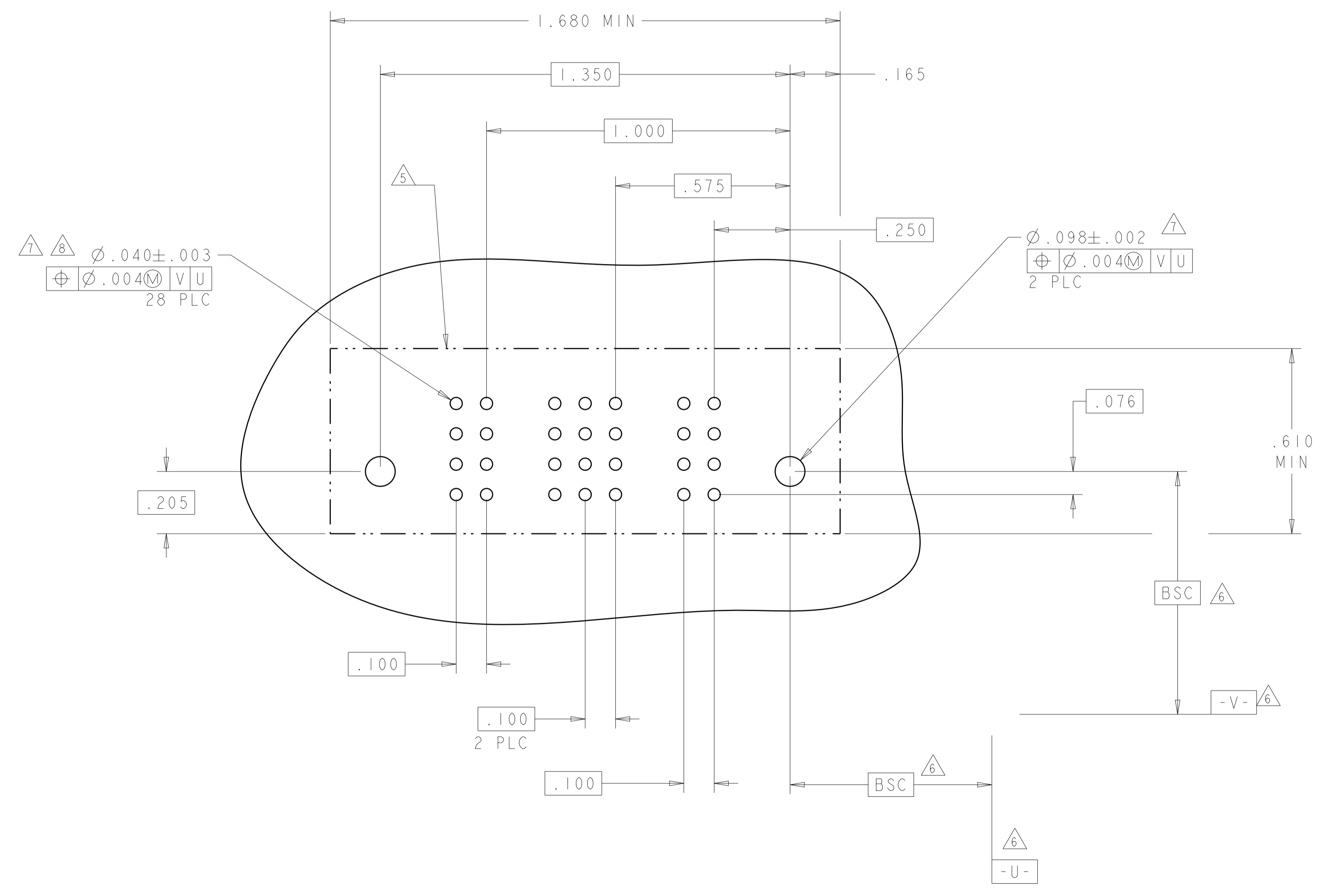
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THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN R. GRZYBOWSKI 29APR05	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES		CHK M. PERCHERKE 29APR05	RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. PERCHERKE	SIZE A100779
0 PLC ±		PRODUCT SPEC 108-1973	CAGE CODE 6450540
1 PLC ±.01		APPLICATION SPEC	SCALE 2:1
2 PLC ±.005		114-13038	SHEET 16 OF 19
3 PLC ±.0020		WEIGHT	REV K9
ANGLES ±.2°		CUSTOMER DRAWING	
FINISH			

LOC	DIST	REV	DATE	DWN	APVD
ES	00	-	-	-	-

REVISIONS					
P	LTN	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL					POWER'	
		P2	5	4	3	2	1	PI		
6-6450540-2	D C B A	GP	GP	AP	AP	AP				GP
				AP	AP	AP				
				AP	AP	AP				
				AP	AP	AP				
IP + 20S + IP										

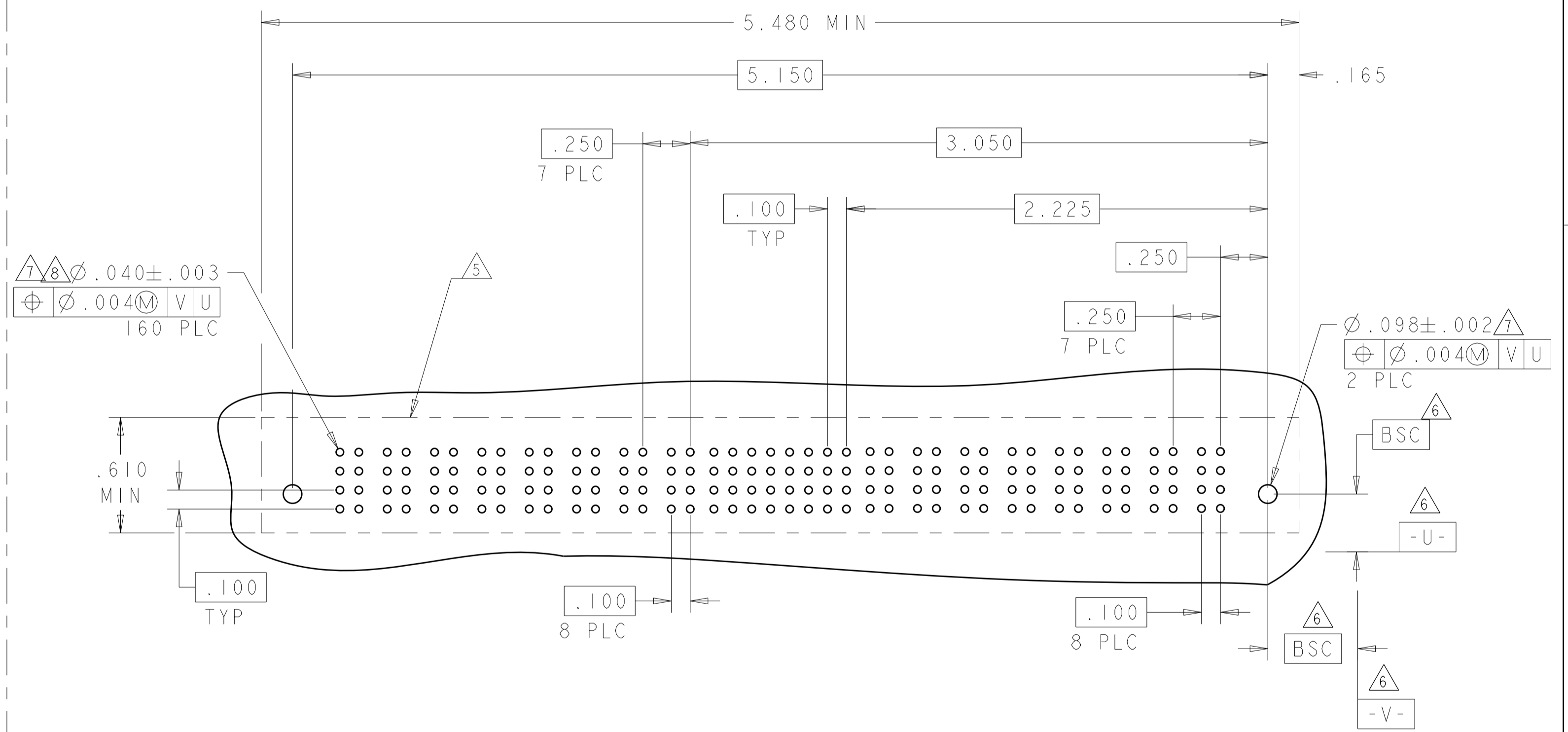
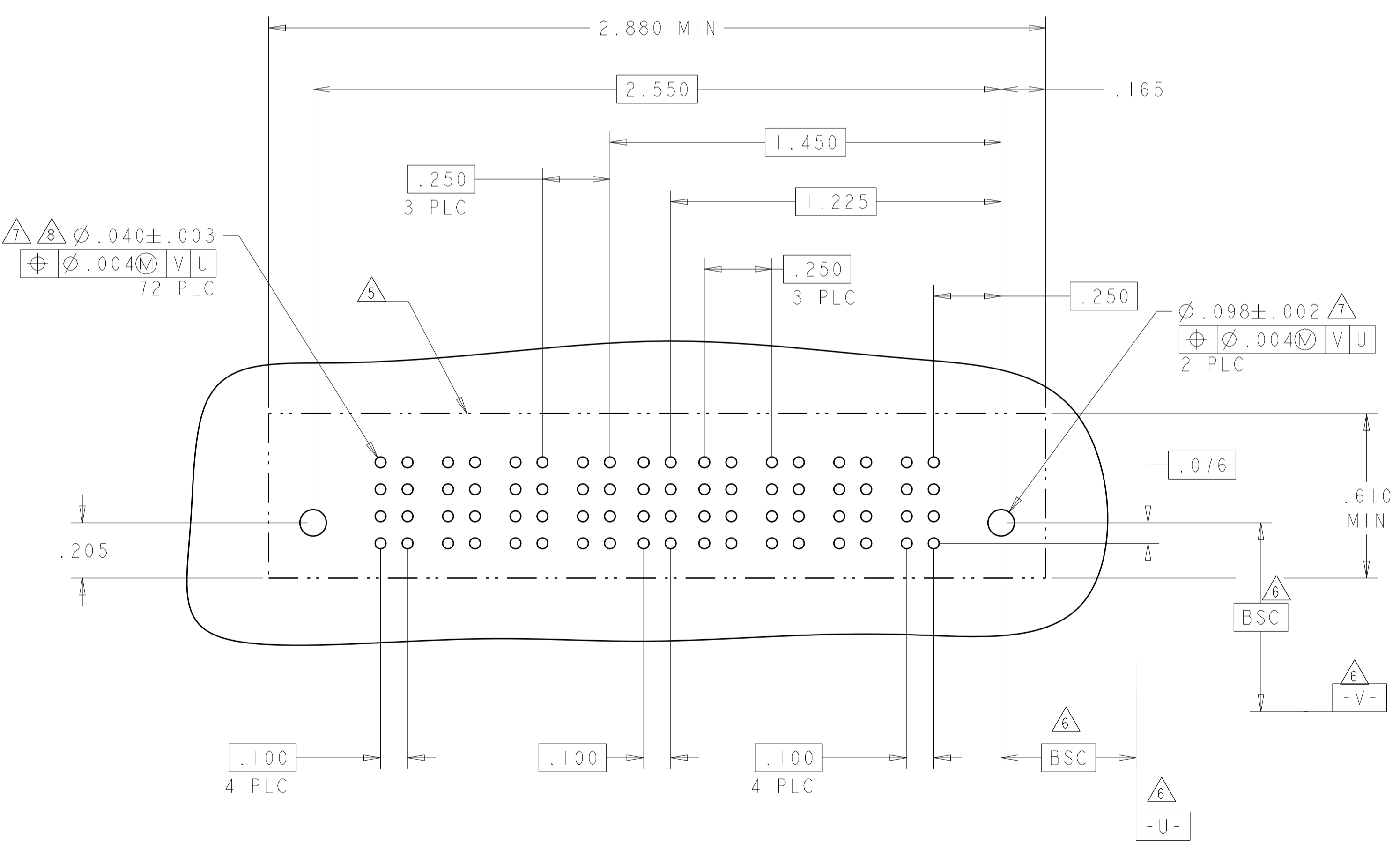


THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN: R.GRZYBOWSKI 29APR05 CHK: M.PERCHEKKE 29APR05		TE Connectivity
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0020 FINISH		VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL NAME PRODUCT SPEC: 108-1973 APPLICATION SPEC: 114-13038 WEIGHT: - CUSTOMER DRAWING
MATERIAL	SCALE: 2:1	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 6450540 SHEET 17 OF 19 REV: K9	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER				SIGNAL		POWER					
		P8	P7	P6	P5	2	1	P4	P3	P2	P1		
6-6450540-5	D C B A	HD	GS	GS	GS	GS	AP	AP	GS	GS	GS	GS	HD
							AP	AP					
							AP	AP					
							AP	AP					
4P + 8S + 4P													

PART NUMBER	ROWS	POWER								SIGNAL								POWER								
		P16	P15	P14	P13	P12	P11	P10	P9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
4-6450540-9	D	HD	GS	GS	GS	GS	GS	GS	GS	AP	AP	AP	AP	AP	AP	AP	AP	GS	GS	GS	GS	GS	GS	GS	GS	
	C									AP	AP	AP	AP	AP	AP	AP										
	B									AP	AP	AP	AP	AP	AP	AP										
A	HD	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	AP	HD								
8P + 32S + 8P																										

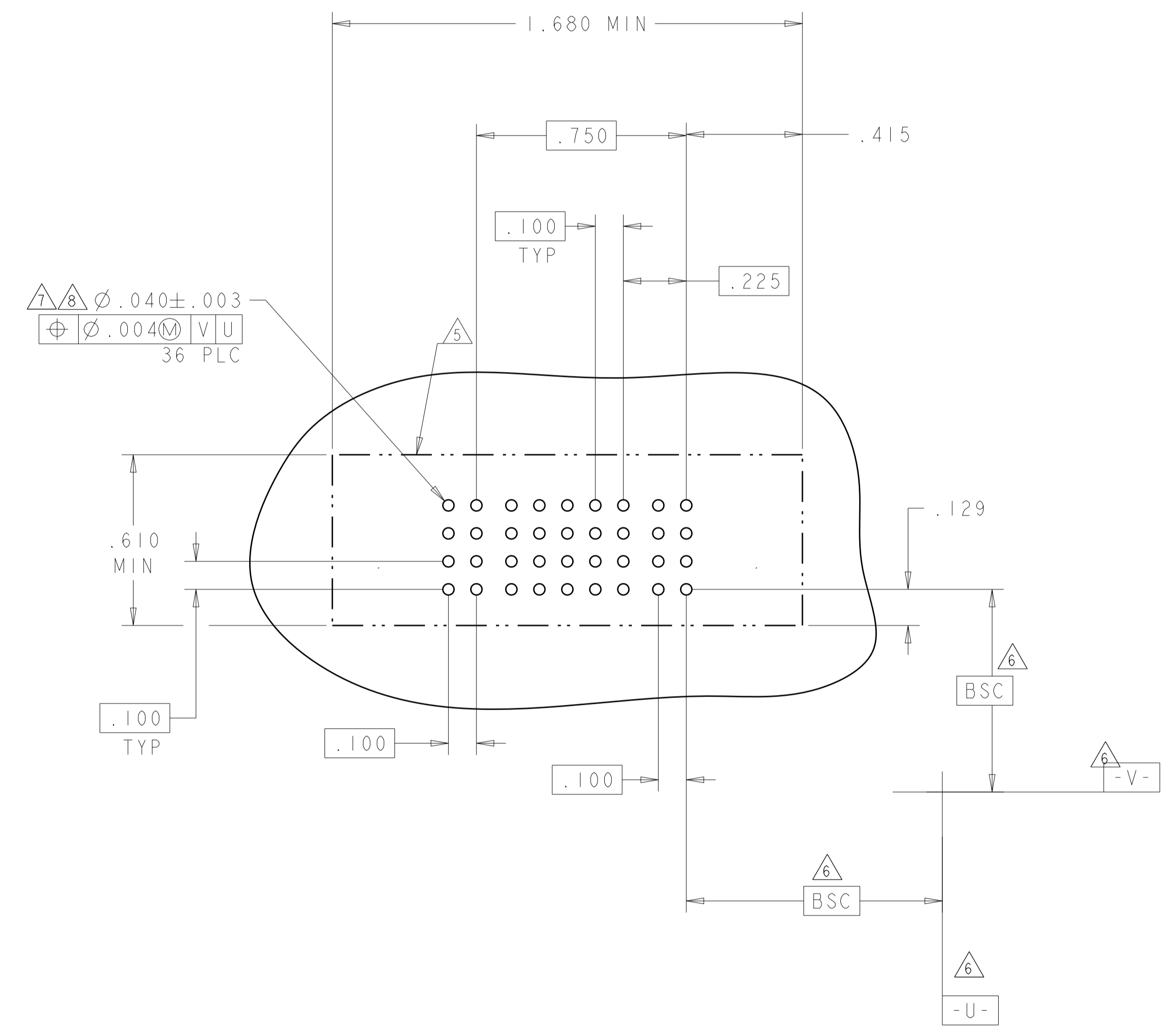
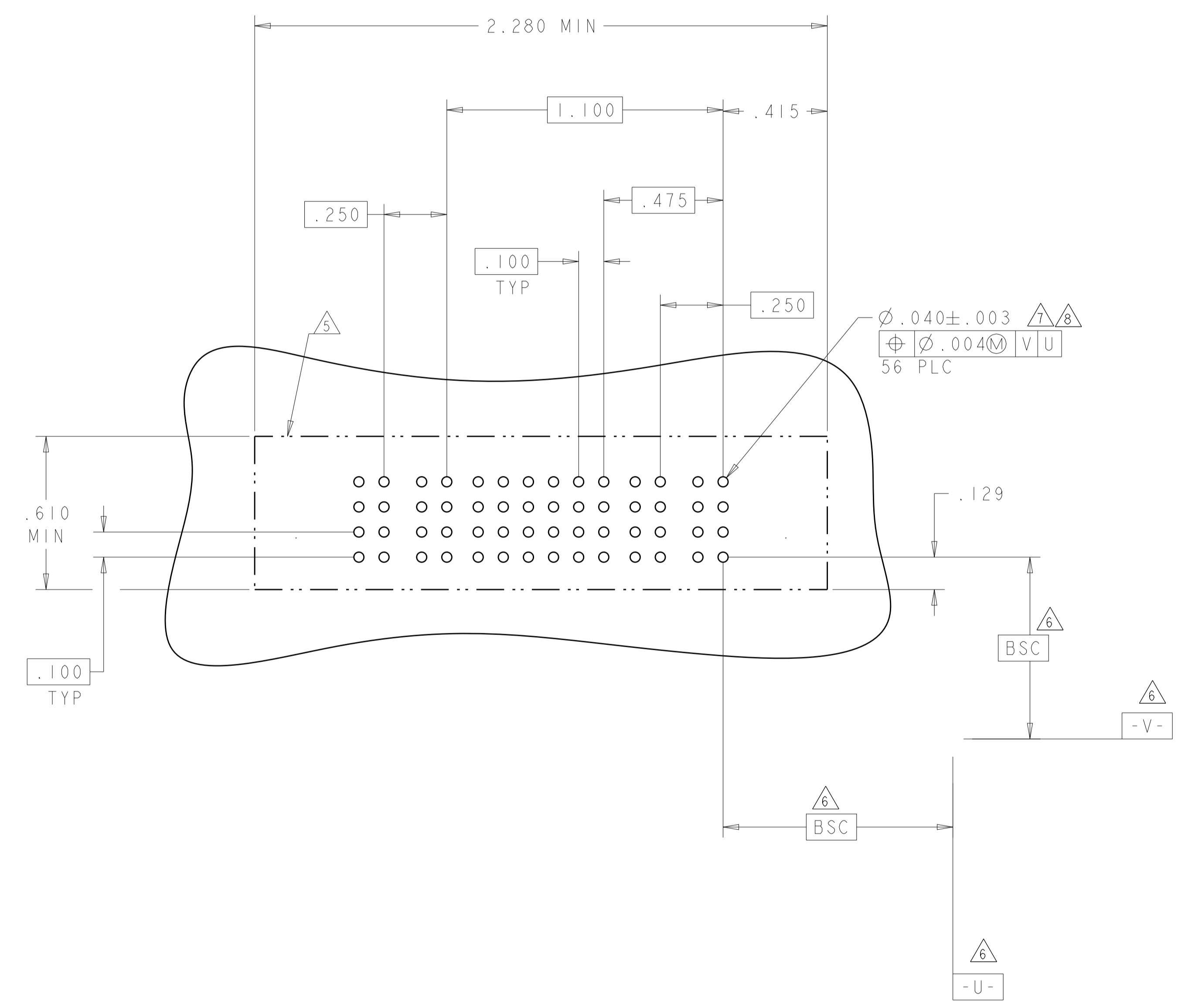


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN R. GRZYBOWSKI 29APR05	NAME VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL
DIMENSIONS: INCHES		CHK M. PERCHERKE 29APR05	PRODUCT SPEC 108-1973
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.01 2 PLC ±.01 3 PLC ±.005 4 PLC ±.002 ANGLES ±.020		APVD M. PERCHERKE	APPLICATION SPEC 114-13038
MATERIAL	FINISH	WEIGHT	RESTRICTED TO
CUSTOMER DRAWING		SCALE 2:1	SHEET 18 OF 19 REV K9

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-

PART NUMBER	ROWS	POWER		SIGNAL						POWER		
		P4	P3	6	5	4	3	2	1	P2	PI	
1-6450540-0	D C B A	GP	GP	AP	AP	AP	AP	AP	AP	AP	GP	GP
				AP	AP	AP	AP	AP	AP			
				AP	AP	AP	AP	AP	AP			
				AP	AP	AP	AP	AP	AP			
2P + 24S + 2P												

PART NUMBER	ROWS	POWER		SIGNAL						POWER	
		P2	5	4	3	2	1	PI			
6-6450540-6	D C B A	GS	GS	AP	AP	AP	AP	AP	AP	GS	GS
				AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP		
				AP	AP	AP	AP	AP	AP		
1P + 20S + 1P											



THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: R. GRZYBOWSKI 29APR05	TE Connectivity												
DIMENSIONS: INCHES		CHK: M. PERCHERKE 29APR05													
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: M. PERCHERKE	NAME: VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL												
<table border="1"> <tr> <td>0 PLC</td><td>±</td></tr> <tr> <td>1 PLC</td><td>±.01</td></tr> <tr> <td>2 PLC</td><td>±.005</td></tr> <tr> <td>3 PLC</td><td>±.002</td></tr> <tr> <td>4 PLC</td><td>±.0020</td></tr> <tr> <td>ANGLES</td><td>±.020</td></tr> </table>		0 PLC	±	1 PLC	±.01	2 PLC	±.005	3 PLC	±.002	4 PLC	±.0020	ANGLES	±.020	PRODUCT SPEC: 108-1973	SIZE: A1
0 PLC	±														
1 PLC	±.01														
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ANGLES	±.020														
MATERIAL: FINISH: #2		APPLICATION SPEC: 114-13038	CAGE CODE: 6450540												
CUSTOMER DRAWING		WEIGHT: -	SCALE: 2:1												
		REVISIONS: -	SHEET 19 OF 19												